



AUGUST 2024

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FOR THE AUGUST MEETING

- **NOTICE!** The August chapter meeting will initially be at the California Aeronautical University (CAU) Hangar. Mike Cycon will issue the meeting location information with the Newsletter.
- **It's membership renewal time.** A real bargain, your Chapter dues are now only \$30 per year, but they were scheduled to increase to \$30 after March 31. See Dave Bankhead to renew your commitment now to Chapter 228 ASAP.
- For the August meeting we will have a video of the 2024 EAA AirVenture by Trent, and we will also have Dave Wilcox give a presentation/demonstration on 3D printing. Andy give a safety presentation on proper aircraft marshaling.

CALENDAR

DATE	EVENT
Tues.8/27/2024 @ 7:00 pm	In Person Meeting
Tues. 9/10/2024 @6:30	Board Meeting Webinare
Tuesday 9/24/2024	In Person Meeting
Thursday Coffee @ 7:30 am	In the Falcon Field Terminal Lobby

CHAPTER SOCIAL ACTIVITIES

The Chapter dinners at Vito's restaurant in Mesa on the second Saturday of the month are on hold because of lack of interest. If you would like to see them restart please contact Gary Hertzler (480) 897-8167

ARIZONA AIRPORT PASSPORT PROGRAM

Have you joined the Arizona Airport Passport Program yet ? To participate all you have to do is get the free AZAPP App. for your "smart phone" on the internet so you can scan the QR code on the passport placard at a participating location. Thus proving you have been there. The Arizona Airport Passport Program (AZAPP) program continues to grow as more and more participating airports, and businesses establish placard locations. Visit the Arizona Pilots Association website often to get the latest placard locations and photos of participating airports and businesses. If you have questions about the program go to the APA website AZpilots.org or contact Trent Heidtke.

PILOT DEVIATIONS

We had 15 deviations this past month which is significantly down. These deviations were committed by Student thru ATP certificate holders, and Of the 15 deviations there were 5 Brashers issued. It appears that there are many that still don't seem to understand what type of airspace they are flying in. Always remember, when you fly in controlled airspace, don't be creative, and do something without first talking to ATC. Always follow ATC instructions, and fly with care. Don't be a part of the problem by committing a deviation. See the latest APA Newsletter for all the latest pilot deviation details.

POSSIBLE AIRSPACE CHANGES

The Department Of The Air Force at Davis-Monthan Air Force Base has issued a request for comments to a proposal to modify the Special Use Airspace used by the Air Force to support their missions in Arizona, and New Mexico. Generally, as a minimum, this would involve the significant lowering of the floors of the MOAs, dropping flares at lower altitudes, and supersonic flight at lower altitudes in the MOAs. For more details contact

Gary Christensen. The deadline for comments is October 9, 2024, and your concerns need to be documented.

FLIGHT TEST MANUAL

If you have completed your airplane project and are preparing to make the first flight, and subsequent test flights, you really need to get the new EAA Flight Test Manual. The EAA is accepting orders; the member price is \$17.95 and \$22.95 for nonmembers. Order now and the shipping is free. The new revised EAA Flight Test Manual is a comprehensive program for test flying your new experimental airplane. Unique to the EAA's system are test cards that take you through each test flight point-by-point and allow for easy data collection.

Builders who use the EAA Flight Test Manual will complete the program with a thoroughly tested aircraft, a full understanding of their craft's performance, characteristics, and limitations, and have enough data to easily build a comprehensive operating handbook for the airplane.

CHAPTER 228 WEBSITE

Check out the chapter website <https://chapters.eaa.org/ea228> and please give us your thoughts.

THINGS TO DO - PLACES TO FLY FOR BREAKFAST

The fly in breakfast at Coolidge Municipal Airport on the first Saturday of the month has stopped for the summer.

On the second Saturday of the month, consider going to Ritchies restaurant on Ryan Field (RYN). They serve breakfast after 6 am every day of the week.

The Falcon Field EAA Warbirds Squadron may have a Fly-In Breakfast on the third Saturday of the month when the fly-in breakfasts restart in the fall.

Grapevine is open full time, but the camping and cookouts have been discontinued for the summer. ***Grapevine, which lies within a National Forest, is heavily used by the Forest Service for fighting wildfires, and the Military for Special Training.***

There is a pancake breakfast on the last Saturday of the month at the Casa Grande Municipal Airport (CGZ). The breakfast is being put on by the Casa Grande Masonic Lodge (Pinal Lodge #30). Time is from 7:00 to 10:00 am, and the breakfast is being served in the air-conditioned terminal.

CHAPTER WANT ADS

Listing in the monthly news letter; If you want a picture included in your adv., send it as a JPEG attachment to your request. Also, when you have an adv. placed, please advise when you want it modified or removed. Otherwise, it will run for 3 months as submitted then it will be removed.

Dynamic Propeller Balancing



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6530 E Virginia St, Mesa, AZ 85215

Ph: 480-695-9568

a.s.elliott@cox.net

Discounts for EAA members

Smith Mini Plane For Sale

(Bi-Plane Kit)

San Manuel, AZ

Subject: Materials List / Items Included

- * Fuselage is on Main Wheels (Front Struts attached - Need Fiberglass Covering)
- * Fuselage need covering (See Below)
- * Main Upper Wing and Ailerons Completed and Covered
- * Main Lower Wings (2) Completed and Covered
- * Flying Wires Included
- * Spring Front "Shock" Struts - Mounted
- * Firewall Mounted - Includes Motor Mount for O-290 Lycoming
- * Fiberglass Nose Cowl
- * Disk Brakes Mounted on Wheels / Included Peddle Master Cylinders - Mounted
- * Included 17 Gallon - Aluminum Fuel Tank - Mounted
- * Control Stick - Mounted with imputed to Ailerons & Elevator Rudder Cables mounted.
- * Tail Wheel - Included & Mounted
- * Elevator Competed w/Stits Covering
- * Elevator Trim Control - Mounted
- * Rudder Included (Needs Covering)
- * 20 Yds. Fiberglassing Fabric Included
- * Throttle Cable, Miscellaneous Cable Controls Included
- * Miscellaneous - Other Gauges included: Basic Engine Gauges
- * Kit Plans included -

Total Price: \$2,750.00

If you have any Questions feel free to Contact me Bruce Draft @ 520-954-2811 - I have Pictures

PARTS FOR SALE

New Cleveland 5" wheel & brake set,
p/n 199-15200. \$3,200 (Aircraft Spruce \$4,191)

New Aero Instrument 24V heated heated pitot tube,
p/n AN 5812-1. \$1,800 (Aircraft Spruce \$2,195)

Fuselage rotisserie for compost fuselage
construction. Mounted on wheels for mobility. \$500



Larry Jensen 480-939-1586
e-mail: larryrv4@yahoo.com

RV-9 PARTS FOR SALE

RV-9 Tail kit and Wing kit. Tail kit is mostly done.
One wing is mostly done. One Wing is not started.
All of these parts were produced way before the
problematical laser cut parts.
Asking \$6,000. That includes more than \$1,000
worth of tools (pneumatic rivet squeezer,
pneumatic drill, lots of clecos, bucking bars
workbenches, etc.)

You can see it at Falcon Field, I can usually be
available on a day's notice. Call or text Gene at
480-838-3730 (cell). Text is preferred.



EAA Chapter 228 Falcons
Membership Meeting Minutes Summary
June 25, 2024

The June meeting of the Falcons was an in person meeting at the CAU hangar. President Don Croyle brought the meeting to order at 7:03 PM. There were 24 members/guests present.

Don announced that Mike Ellis has been replaced by Steve Holt as the Young Eagles coordinator.

If you have not paid your dues they are now \$30 (late fee).

The May meeting minutes were approved as published in the June Newsletter. Don asked for any guests to stand up and introduce themselves.

Susan C.- is a pilot and has an instrument rating and is getting back into flying.

Jacob M.- is from Pittsburg PA and holds private, instrument, commercial, CFI and ATP ratings. Jacob flies out of Sky Harbor. He is interested in learning more about the maintenance side of aviation.

Don turned the meeting over to Jessica from Falcon Field Admin. Jessica summarized the various construction projects and referred everyone to www.falconfieldairport.com web site for more information.

The pavement preservation project has been delayed until 7/15. If you need to park your car more than 24 hrs, please let the admin know ahead of time.

There are 287 people on the hangar wait list (about 5-6 yrs), 61 wanting a large hangar (10 yrs), 155 wanting a T-shade (2 ½ years) and 90 for a tie down. Jessica recommends you get on the tie down list if you are also waiting for a hangar.

Jessica reminded everyone that this Thursday is the airport Red, White and Cool ice cream social in the terminal from 2 to 3:30 PM. Please stop over and have a complementary ice cream.

The next blood drive is on 7/11 and the monthly ask the airport ZOOM meetings are on the third Wednesdays at 10:30 AM.

The next cockpit close up will be on August 3rd. They are always looking for planes to display.

Jessica Alonzo can be reached at 480-644-4450.

Thank you Jessica.

Don asked our treasurer Dave Bankhead for his report. We have \$10,137.59 and are have \$686.61 in unallocated YE credits. We are looking for ways to spend this money and Don will be asking other chapter leaders at Oshkosh for ideas. We are also expecting a reimbursement for the \$443.39 of YE credits we did spend this year on a youth headset and booster cushions.

Don did not have any reports on builder projects. Eric and Gabby are still working on their RV-10 and Larry is working on the center section of his RV-12.

The Vitos dinner is on hold and Gary C. reports that the Thursday coffee starts about 7:00 AM for the summer. Come join us in the admin lobby.

Don reviewed the up coming fly outs.

7/1- Yuma safety seminar
7/5- IWA controller forum
7/13- Pancake breakfast at Mogollon airport
8/17- San Carlos fly out

Check the APA website for more info.

We normally take a 5 minute break, but tonight Don surprised everyone with several announcements. First, Corey B. passed his PPL test and is now working on his instrument rating. Congratulations Corey.

Don also announced that our first Ray Scholar, Jayden Hancock, was able to resume his flight training and successfully passed his PPL test. He is working on the flight line at Gateway and is continuing his flight training with UND. Congratulations Jayden.

Lastly, Don announced that Joe Goetz just received both the Master Pilot and Master Mechanic awards. The FAA said this is the first time they made both awards to the same person. Don turned the meeting over to Joe.

Joe showed a short video that the FAA provided him explaining the Wright Brothers Master Pilot and the Charles Taylor Master Mechanic awards. Both of these are the most prestigious awards that the FAA can give to pilots and mechanics. The video reviewed the Wright Brothers efforts to achieve powered flight and the critical role their mechanic, Charles Taylor, was to their success. Next was a summary of Joe's flying and mechanics background which started in the military circa 1966. Joe has flown many different aircraft from GA singles to multi engine, jets and he even picked up a sea plane rating as well. He holds a PPL, multi engine, commercial, instrument and CFI ratings. Congratulations Joe.

Don did a review of airspace and accidents. There were no airspace issues this month. There were 10 accidents/incidents for May and June: Four were loss of control on landing and one loss of control on take off. There were 4 with an engine issue, one of which was fuel starvation. There was fatal CFIT incident at Picacho Peak.

Pilot deviations continue to be an issue. Thirteen were serious enough for a Brasher to be issued.

Andy Elliott's safety briefing tonight covered Hot Weather Ops, Thunderstorms, Tornados and the OSH NOTAM.

The most important thing to remember about hot weather is density altitude (DA) and how it affects aircraft performance. In the summer, the DA at Falcon can reach 5000 ft. At Payson (85 F) it's 8300 ft and at Flagstaff (80 F) it's 10,000 ft. Your take offs will be much longer and landings will be much faster. Your climb performance will deteriorate so consider this when planning a flight. Also remember that the data in the POH (certified planes) is based on a brand new engine. Your high time engine will need up to 2x the TO length given in the POH.

LEAN before take off and climb at a higher than normal airspeed for improved engine cooling. Avoid delays. When you fly out for breakfast and go to take off an hour later your engine has reached its maximum temperature (soak back). Be prepared for high CHT's.

The ramp temperature can be 25 degrees hotter than the reported air temperature. Do your preflight in a shaded area (or hangar) so you can minimize

the exposure time. Wear light colored clothes and wear a hat (most of our body heating is via our uncovered head). A wet towel around your neck will help keep you cooler.

Always carry water. A gallon weights only 8 lbs and it is your best survival tool if you have to make an emergency landing. If you do land off airport, stay with your plane unless you are positive you know where you are and can walk out on your own. Carry a PLB or spot. Cell phone service can be spotty in remote areas.

If you are flying to OSH, you will encounter thunder storms that are quite different from the ones you find in Arizona. You may even encounter a tornado. The TS may be covering a large area. If you can't go around them, you may have to land and wait for them to pass.

The NOTAM is a must read before your trip. Have a copy with you and Andy recommends you make a copy of the page with all the frequencies on it. Most of the accidents during AirVenture week are related to not following the NOTAM. If you have a passenger, have them familiarize themselves with the NOTAM.

Arrival into OSH can be hectic so pay attention and listen to the ground controllers. You are not expected to talk to them unless you have an emergency or need clarification. Rock you wings when asked to acknowledge an instruction.

On your way to OSH you will find the air is smoother if you can fly above the clouds. When crossing mountains, try not to fly on the leeward side because that is where you will encounter downdrafts.

Thunderstorms develop quickly and exhibit updrafts and downdrafts. They can be as high as 80,000 feet. In the mature stage, rain or hail are possible. Stay at least 20 miles away.

The dissipating stage is characterized by strong downdrafts, which can produce dust storms or strong surface winds as the storm cell collapses. On board weather will be helpful but remember this data is usually several minutes old and you cannot use it to safely navigate around the TS. If you have to land to wait out a storm, remember take offs are always optional.

Tornados develop from massive storms and storm systems. Even the weakest tornado (F0) can be highly destructive.

Thank you Andy.

The next meeting will be on August 26, 2024. The meeting adjourned at 8:45 PM.

Respectfully submitted
Michael Cycon, Secretary