



JUNE 2023

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FOR THE JUNE MEETING

•NOTICE! The June chapter meeting will be held at the California Aeronautical University (CAU) Hangar. Mike Cycon will issue the meeting location information with the Newsletter. **REMEMBER, THE JULY MEETING IS CANCELED FOR EAA AirVenture OSHKOSH.**

•**It's membership renewal time.** A real bargain, your Chapter dues are still only \$20 per year. See Dave Bankhead to renew your commitment to Chapter 228 ASAP.

•For the May meeting we will have a bring your favorite tool session. Please bring your favorite tool that has saved you a lot of hard work or grief. We will have the usual safety briefing by Andy.

CALENDAR

DATE	EVENT
Tues.6/27/2023 @ 7:00 pm	In Person Meeting
July Meeting Canceled	Board Meeting Webinar
July Meeting Canceled	In Person Meeting
Thursday Coffee @ 7:30 am	In the Falcon Field Terminal Lobby

CHAPTER SOCIAL ACTIVITIES

The Chapter has had dinners at Vito's restaurant in Mesa on the second Saturday of the month. But, because of poor attendance, the dinners have been discontinued for the summer, and may resume in the fall.

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

The number of pilot deviations are slightly up for this past reporting period. These deviations have been committed by Student Pilot thru Commercial/CFI certificate holders. It appears that there are many pilots that just don't seem to know what's expected of them when flying through the airspace they are in. Always remember, when you fly in controlled airspace, don't be creative, and do something without first talking to ATC. Pick up an Airman's Information Manual (AIM) and review it from time to time. Fly with care, and don't be a part of the problem by committing a deviation. See the latest APA Newsletter for the latest pilot deviation details.

CHAPTER 228 WEBSITE

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

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.

EAA 228 CHAPTER APPAREL

Do you have Chapter 228 apparel for upcoming flying events? If not, get your's on order now. See Don Croyle for logo caps (\$25), tee shirts (\$15) and polo shirts (\$30). We have a few of each in popular sizes ready for purchase or we can special order the color and or size you want. Prices subject to change without notice.

THINGS TO DO - PLACES TO FLY FOR BREAKFAST

The fly in breakfast at Coolidge Municipal Airport on the first Saturday of the month has ceased for the summer, and will resume in the fall.

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 have discontinued their fly-in breakfast on the third Saturday of the month, but plan to resume in October .

Grapevine is now open full time, but the third Saturday of each month is a special time for a group camp dinner on Saturday evening. Come and camp for the weekend! The camp host will prepare the main course, and campers, please bring a side dish or dessert to share. ***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.

Misc. Items For Sale

I have several small tools for sale that are all in like new condition:

Avery vise grip pimplier, flutter, seamer, and a Goodyear cold flex rubber air hose with quick connect couplings, and centering punches.

Entire Lot \$50.

Thanks,
Bob Smith
Please Call Me At; 480-220-3252

RV-9 tail kit only for sale. Vertical and horizontal stabilizers are assembled.


Call David Welch (480) 277-1012

PLANS FOR SALE

Gordon Craig has a set of Wittman Tailwind plans and builders manual for sale. Make offer.
480-329-7672



Andy Elliott, CFI
Specializing in flight reviews in certified & experimental aircraft. Also recurrency, tailwheel endorsements & formation training. @KFFZ.
6530 E Virginia St, Mesa, AZ 85215
Ph: 480-695-9568
a.s.elliott@cox.net Discounts for EAA members



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PARTS FOR SALE

Cleveland 6" wheels and brakes - \$500 (\$4,297 at Univair)
Remote oil filter - \$50 - (Originally \$473 with STC)
Taildragger Tow Bars: \$25, \$15, \$5

If you have any questions, email or call/text me at (480) 678-8898



Thanks!
Dave Walden

EAA Chapter 228 Falcons
Membership Meeting Minutes Summary
May 23, 2023

The May 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 28 members/guests present.

Don reminded everyone that there are only 61 days to Oshkosh 2023. He then announced that we need someone to take on the role of managing our social media (e.g., Face Book). Chapter camping at Oshkosh is still open at \$309/site. He also reminded us that the next YE event is on June 3rd for Diana's summer camp. Pilots and ground crew are needed.

Don asked for a motion to approve the April meeting minutes as published in the May Newsletter. The motion was made and approved.

Don asked any new members or visitors to introduce themselves.

Bryan K.- was raised in the Oshkosh area so is very familiar with the AirVenture gathering. Before coming to Arizona, he lived in Colorado Springs. He will be spending the summer in Wisconsin but will return in the fall.

Dee Anne from Falcon Field admin gave us an update on the current projects. The east ramp project by the Steak and Stone restaurant is out for bids and work is expected to start in late summer or fall. The re-alignment project for midfield at the south runway needs an additional \$1.5M due to increased material cost. As a result, the plan will only be partially implemented. The next CAP blood drive is on June 8th from 8 AM to 2 PM. The next ask the airport ZOOM meeting is on June 21st at 10:30 AM. Lots of activity in May/June at the CAF. Check them out at the CAF web site (AZCAF.ORG).

Thank you Dee Anne.

Next Don asked Dave B. to give his shout out to Albert Z. who just received his US citizenship. Albert says he had this dream some 10 years ago and it has finally been fulfilled. He is pursuing his

advanced pilot ratings and is happy to have connected with EAA Ch 228.

Dave Bankhead, our Treasurer, reported that the chapter has a balance of \$9,965.94 which includes \$900 in YE credits earned this year.

Don asked Gabby and Eric for an update on their RV-10. They have completed the empennage and are ready to start on the fuselage.

Dinner socials are on hold for the summer and will return in the fall. Thursday coffee has moved to the Admin lobby (thanks Dee Ann). Cunningham has offered us to use his new pilot lounge but the current location is working out fine for now.

Here are some of the fly out events for May:

5/26-29- Wilcox Wine Country Getaway
6/3- YE event at the Warbirds hanger
6/4- Pilot/Controller forum, KIWA

Check the APA website for more info.

Don summarized the pilot deviations and accident data from Jim Timm. There were 17 pilot deviations and 9 Brashers issued. Most of the deviations involved moving onto a runway without a clearance. There were 9 accidents/incidents last month but no injuries. Most of these were loss of control (LOC) on the runway. See the APA Newsletter for more details.

Andy Elliot's safety briefing was on Turbulence, Thunderstorms and Tornadoes.

If you have small puffy clouds the air is smoother above them. However, these clouds often develop into towering cumulus very quickly, so you may not be able to get above them.

In mountainous areas, the leeward (i.e. downwind side) will have more turbulence than the upwind side. Airports like PAN, SEZ and PRC can have crosswinds. Be prepared for downdrafts as well.

The weather in the Phoenix area is less dramatic compared to the mid west (tornado alley). In the summer, watch for dust devils which indicate possible wind shear. The biggest threat in our area is thunderstorms and cumulus nimbus clouds.

Thunderstorms have three stages of development:

Cumulus stage
Mature stage
Dissipating stage

In the cumulus stage the thunderstorm is developing. Expect lots of lift under these clouds.

In the Mature stage, there is rising air on one side and descending air on the opposite side. The descending side can have rain and/or hail as the clouds have developed to great height and the colder air has caused precipitation. These mature cumulus clouds are dangerous. Don't try to penetrate or fly under these thunderstorms. Stay at least 20 nm away and remain VFR.

During the dissipating stage, expect strong down drafts and wind shear. Dissipating cumulus often results in the formation of a tornado. Tornadoes are rated on the EF scale from 0-5. The tornado that wreaked havoc on Sun and Fun was an EF 0.

Thank you Andy.

Next Todd B. did his interactive aviation trivia game. Everyone had a good time playing. Top score went to Philip B.

Tonight's program was a presentation by chapter member Philip Buckalew on Light Sport Repair and Maintenance (LSRM) certification. Before getting into the main topic, Philip spoke briefly about Modernization of Special Airworthiness Certification (MOSAIC). This has been an ongoing subject for the FAA and one of the goals is to expand the LSA program to include more larger/heavier aircraft as well as aircraft using electric propulsion. The current FAA administrator is not a big supporter of MOSAIC and is trying to curtail some of the scope.

Regarding LSA, per 14 CFR Part 65.107 there are two ratings: Light Sport Inspection (LSI) and LSRM. LSI requires a 16 hr course and allows the certificate holder to inspect LSA (similar to the repairman certificate for amateur built aircraft). The LSRM is a full 120 hr course for aircraft, 104 hr for weight shift and 80 hr for lighter than air/gliders. Philip completed the 120 hr program at Rainbow Aviation in Kingsville, MO.

Rainbow is owned by Brian and Carol Carpenter. Brian is an A&P/IA, Rotax factory certified repairman, LSRM instructor, test pilot, and NTSB expert witness. Carol is an FAA Safety Rep,

ASTM standards voting member, and is Rotax certified.

The LSRM program is an intensive program of instruction and hands on experience. The program is broken into 4 modules:

Module 1 is 16 hrs covering regulations, ASTM standards/Best practices, safety

Module 2 is 24 hrs of general airframe

Module 3 is 45 hrs on engines/propellers

Module 4 is 35 hrs on airplane class specific

Morning sessions were classroom work and afternoons were hands on experience.

Class size is limited to 16 students. The certificate is good for life and there are no recurrent training required. The certificate holder can perform inspection/repair including 100 hr and annuals. If you want to obtain an A&P license as well, you need to complete 3200 hrs of supervised practical experience to take the test.

Thank you Philip.

The next meeting will be on June 27, 2023. Don closed with a reminder to keep current by learning. The meeting adjourned at 8:50 PM.

Respectfully submitted
Michael Cycon, Secretary