



# MARCH 2024

## CHAPTER OFFICERS AND STAFF

All phone numbers are area code 480 unless noted.

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Vice President	Gary Christensen	225-9454
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Director	Todd Bristol	755-4200
Director	Gordon Craig	329-7672
Director	Chuck Flint	602-980-3474
Director	Joe Goetz	415-5087
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Socials	Gary Hertzler	897-8167
Flight Advisor	Dave Bankhead	928-533-9187
Flight Advisor	Andy Elliott	985-2239
Tech. Counselors	Gary Hertzler	897-8167
	Bob Greco	602-478-4403

## FOR THE MARCH MEETING

- **NOTICE!** The March chapter meeting will be held 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 still only \$20 per year, but they are scheduled to increase to \$30 after March 31. See Dave Bankhead to renew your commitment now to Chapter 228 ASAP.
- For the March meeting we will have Ray Toews discuss the modifications he has made to his Grumman airplane.
- We will also have the usual safety briefing by Andy.

## CALENDAR

DATE	EVENT
Tues.3/26/2024 @ 7:00 pm	In Person Meeting
Tues. 4/9/2024	Board Meeting Webinare
Tuesday 4/23/2024	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

The number of pilot deviations have continued to decrease and there were to i6 this past month. The deviations were committed by Private thru ATP certificate holders. It appears that there are many that still don't seem to know 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. Follow 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.

## 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.

## THINGS TO DO - PLACES TO FLY FOR BREAKFAST

The fly in breakfast at Coolidge Municipal Airport is on the first Saturday of the month.

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 would normally have a Fly-In Breakfast on the third Saturday of the month, but because of the storm damage, the breakfasts have been canceled until further notice.

Grapevine is open full time, and the third Saturday camping and cookouts have resumed. 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.


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## 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**

At KFFZ in Mesa, AZ

 Final vibration level 0.07 ips RMS or better guaranteed! (Usually we do much better.) We use ACES equipment.

Discount rates for EAA members!

Call Andy Elliott (N601GE) - 480.695.9568

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6530 E Virginia St, Mesa, AZ 85215  
Ph: 480-695-9568  
a.s.elliott@cox.net      Discounts for EAA members



## GOLF CART/AIRCRAFT TUG

E Z Go golf cart with headlights and utility light and has front and rear hitches for towing. Has required fire extinguisher for fuel fires. Good tires. No windshield or roof so it will fit under the wing, (Both available). With or without batteries, (6 batteries required) Located at Falcon Field (FFZ)

Make offer.

Jim Timm  
602-616-9291

## 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

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

## LATHE FOR SALE

Located on Payson Airport in hangar #10 for  
inspection.

9x20 THREAD CUTTING ENGINE LATHE

**\$600**

9" X 20" GEARED HEAD, BELT  
DRIVEN, BENCH LATHE

Model 45861

SET UP AND OPERATING INSTRUCTIONS



Contact: Dave Wilcox  
926-363-0555

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### EAA Chapter 228 Falcons Membership Meeting Minutes Summary February 27, 2024

The February meeting of the Falcons was an in person meeting at the CAU hangar. President Don Croyle brought the meeting to order at 7:00 PM. There were 36 members/guests present.

Don announced that Ch 1445 (Chandler) is planing a tour of the gunnery range near Yuma (March 14<sup>th</sup>) and have a few openings. Luke Open House is on March 23-24. Corey B. will be volunteering at the event. Expect a long wait to get in as security measures are tight. If you are retired military you will not be able to drive in as usual during the event. Mike C. announced that Ch 228 is planning a tour of the SWA maintenance hangar on April 23<sup>rd</sup>. We will meet at the CAU hangar at 6:00 PM

Don asked for a motion to approve the January 2024 meeting minutes as published in the February 2024 Newsletter. The motion was made and approved.

Don asked any new members or visitors to introduce themselves.

Chuck K. - is a winter visitor from Colorado Springs and is working with others to restart his local EAA chapter. Chuck has joined Ch 228.

Dave M- also winter visitor from Ch 675.

Next Don introduced Jessica from Falcon Field admin to give us an update on Falcon news. Storm recovery is making good progress with 62% percent of the damaged hangars repaired. Repair of the WWII hangars should be done in early April and the rest of the hangars by the end of April.

Jessica asked all airport tenants to make sure they have their current email address on file with the airport so they get the latest news. The airport is conducting a cane bolt survey and want to get feedback on this device to prevent future storm damage. Hangar rents would increase about 1.5% if they go this route. There were a number of suggestions from members on alternative solutions and Jessica encouraged everyone to talk to the airport about their ideas.

Look for a new map of the airport with designated run up areas. Please do run ups in the designated areas only.

The midfield cross over work has started. Check the NOTAMS for restrictions and closures. The FAA is planing a new control tower (7-10 years out) and expect to see survey crews in the coming weeks.

Don't forget the ask the airport Zoom meetings on the 3<sup>rd</sup> Wednesday at 10:30 AM.

For 2023, Falcon Field ranked the busiest GA airport in Arizona and in the US.

The next CAP blood drive is on March 14 from 8 AM to 2 PM.

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

Thank you Jessica.

Our Treasurer Dave B. reports that the chapter has \$9886.93. We also have \$1130 in YE credits. Dave announced that the Board has asked Joe Goetz to become a Director of Ch 228 replacing Scott Trisilla who has not been able to actively participate in the chapter management and has not maintained his membership in the EAA. Dave asked for a motion to add Joe Goetz to the management team. The motion was made and approved.

Don had a short update on Gabby and Eric's RV-10. They are continuing to work on the center fuselage section.

Dinner socials at Vito's on the second Saturday (4 PM) have resumed (attendance has been low so dinners have been suspended. Contact Gary Hertzler if you are interested in resuming). The Thursday coffee has moved to the Admin lobby (7:30 to 8:30 AM).

Here are some of the fly out events:

- 3/1-Laughlin getaway
- 3/2- Cactus Fly In at Casa Grande
- 3/4- Prescott Pilot Forum
- 3/15-17- Grapevine camping
- 3/16- Deer Valley Pancake Fly In
- 3/23-24- Luke Days
- 4/6- Glendale YE event (pilots needed)

Check the APA website for more info.

Don had no data on accidents and incidents.

Don gave a YE update for Mike Ellis who was not present tonight. There have not been any individual flights mostly due to pilot shortages. We are focusing on group events only with the next one to be in mid May.

Tonight's safety brief by Andy Elliott was on Expectation Bias. Before getting into this topic, Andy gave some accident statistics from aviation-safety.net. In 2024, so far there have been 200 events in the US with 50 fatalities. The majority of these events are due to pilot error and we are seeing more and more accidents associated with social media. Andy gave an example of a group that documents aircraft refurbishment projects on social media. One of their projects was a twin Cougar that they completed and documented the first flight. They rushed the run-up check and tried to take off with a completely clogged gascolator. The aircraft crashed.

What is expectation bias? It is a human condition we all have experienced where our brains expect to execute an action and don't acknowledge contrary instructions or commands. An example of this is a commercial flight at an airport that has one hold short location for runway 1L and 8L. The normal departure for this particular flight would be on 1L. The tower clears the flight to take off (TO) on 8L

and the copilot reads back cleared to TO on 8L. The pilot, however, goes to 1L and proceeds to TO. The plane crashes and all are killed. Andy gave other examples of expectation bias including one he experienced himself. Be prepared that this could happen to you. Be alert and make sure you clearly hear what was said, not what you expected to hear.

Thank you Andy.

In stead of a regular guest speaker, Mike C. gave a short presentation for Gordon C. who was unable to be here tonight. The subject was Gordon's installation of the Anti Splat Crankcase Vacuum system on his RV-6. The system consist of three items: a bias cut pipe that extends into the engine exhaust pipe, a check valve and a safety relief valve. Using photos and schematics, Mike explained that exhaust flow over the bias cut pipe along with the pumping action of the pistons creates a 5-7 inch of water vacuum in the crankcase. This helps to eliminate case leakages and reduces oil consumption. Any oil that escapes through the breather line is burned in the exhaust pipe leaving little or no oil on the belly. The safety relief valve protects against check valve failure or excessive restriction in the discharge pipe due to coking. The only recommended maintenance is to inspect the bias cut pipe for coking and cleaning it out with each oil change or 50 hours of operation. Gordon reports that he has seen significant reduction in oil usage and a cleaner engine.

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

Respectfully submitted  
Michael Cycon, Secretary