



OCTOBER 2019

FOR THE OCTOBER MEETING

- **NOTICE!** The October meeting will be at the Commemorative Air Force (CAF) Officer's Club Room at Falcon Field on Tuesday 10/22/2019 at 7:00 PM. Use the entrance on the south side of the building as before. The pre-meeting food (served at 6:00 PM) will be Pizza & soda for a \$5 donation.
- **It's membership renewal time.** A real bargain, your Chapter dues are still only \$20 per year. See Don Croyle to renew your commitment to Chapter 228 this month.
- For our October meeting we will have a presentation by a controller from the Falcon Field tower. It's also that time of the year that we will be taking nominations for officers for the coming year. Officer elections will be in the November meeting.

CHAPTER OFFICERS

All phone numbers are area code 480 unless noted.

President	Trent Heidtke	602-295-8546
Vice President	Gary Hertzler	897-8167
Treasurer	Don Croyle	442-0808
Secretary	Mike Cycon	838-6353
News Letter Editor	Jim Timm	839-9187
Web Master	Mike Cycon	838-6353
Membership	Don Croyle	442-0808
YE Coordinator	Bill Worger	993-5959
Socials	Gary Hertzler	897-8167
Flight Advisor	Andy Elliott	985-2239
Tech. Counselors	Gary Hertzler	897-8167
	Bob Greco	602-478-4403

DIRECTORS	Gary Christensen	225-9454
	Gordon Craig	329-7672
	Todd Bristol	755-4200

CALENDAR

DATE	EVENT
Tues. 10/22/19 @ 7:00 pm	Chapter Meeting CAF Club Room
Tues. 11/12/19 @ 6:30 pm	Directors Meeting Warbirds Hangar
Tues. 11/26/19 @ 7:00 pm	Chapter Meeting CAF Club Room
Thursday Coffee @ 8:00 am	Warbirds Hangar @ 8:00 am

CHAPTER SOCIAL ACTIVITIES

In addition to the Thursday morning coffee at 8:00 in the Warbirds Hangar, a Chapter 228 monthly social with dinner at Vito's Italian restaurant happens on the 2nd Saturday of the month. To make reservations for dinner at Vito's, please advise Gary Hertzler by the Thursday before if you are planning on attending. Dinner time is at 4:00 pm.

EAA Chapter 228 Falcon Membership Meeting Minutes Summary

September 24, 2019

The September meeting of the Falcons was held at the CAF hangar at Falcon Field, Mesa, AZ.

President Trent Heidtke brought the meeting to order at 7:00 PM. There were 38 members and guests in attendance.

Trent opened the meeting with a request for everyone to write down a questions for next months guest speaker from the FFZ control tower. Trent also announced that our Chapter will be sponsoring a youth to the EAA Aviation Advanced Camp next year and more info will be coming next month.

Lynn S. from the airport administration was not here so Trent reminded everyone about the tenant BBQ on November 2nd and the Falcon Field Open House on March 28, 2020.

Trent asked Ron A. for a status on the flying club. Ron is assisting Todd B. with this task and Ron asked that anyone interested to please add their contact info to the list.

Don C. provided "what I fly and why" segment tonight. Don bought into a Varga Kachina 2150 partnership. His reason for selecting this plane was

the low initial cost and the benefits of a partnership where the plane is flown more frequently. His plane is a tail dragger, which he enjoys flying. It is light sport eligible and has tandem seating. It has good range but sometimes he would like to have a faster plane.

For the maintenance minute this month, Gene M. has an oil leak at the oil drainback line on his Piper restoration. It is a new cylinder and he thinks a copper crush seal may have been used. He needs help in diagnosing the leak and how to repair. Also, Chris Z. has 8 qts. of mineral oil to give away.

Trent asked for motion to accept the August minutes as published. The motion to accept was made and passed.

Trent asked for guests/new members to introduce themselves.

Augustine V.- Was involved in aviation many years ago and wants to get back into flying.

Welcome guests and new members!

Next Trent gave a shout out to the to Mike C. for organizing a group oil buy. This time we extended the invite to the Deer Valley chapter.

Gary H. got up and announced that the chapter board wanted to give a special shout out. Mike C. said that Trent refused a shout out but he really deserves one. Since becoming our President two years ago, Trent has worked to grow our chapter. He has strengthened our relationship with the airport administration, the CAF and the Warbirds group. Under his leadership the chapter has grown and will continue to grow. On behalf of the board of directors and officers, thank you Trent and we hope

you will continue to be our President in 2020 and beyond.

Treasurer Don C. did not have the latest balance info but said there is about \$600 in the kitty for sending someone to the Aviation Camp next summer. Trent thanked everyone who bought raffle tickets as this money is earmarked for the camp scholarship. Don has logo shirts/hats for sale tonight. See him after the meeting.

Trent asked builders present tonight to give an update on their project.

Glenn D. has changed careers. After two years of night school he is now an A&P. He has plans for a Dyke Delta and hopes to start work on it soon.

Gene M. has not worked on his PA-22 for a couple of months. He reports that Pete W. has moved into Moggolon Airpark so we may not be seeing him at the meetings. Alex H. is also working on the fuselage of his RV-7.

Trent listed the monthly flying activities and referred everyone to the Arizona Pilots Assoc. website to find this info.

There was one accident/incident report this month. A student pilot apparently locked up the controls of an Ercoupe and crashed into a hangar at Ak Chin. Both student and instructor survived.

Jim Timm briefed us on airspace. Coolidge runway 5-23 will be closed on Nov 4th for resurfacing. Expect intermittent closure of 17-35 as well. Check NOTAMS before flying in.

Andy's safety briefing tonight covered the stabilized approach and why it is important.

Briefly put, a stabilized approach is establishing the correct airspeed and rate of descent to put you

on the correct glide path for a landing. Years ago, the FAA emphasis was adjusting your base and final so you could make a power off landing. Now the emphasis has shifted to a stabilized approach.

Andy described several approaches to FFZ 4R and 22L and the landmarks where you should establish your altitude and airspeed for the approach. He also provided GPS distances to help. On the final approach, you should be using the VASI lights. If too high, take some power away. Maintain your airspeed. Don't dive or pull the nose up to correct. If you are low, add power and if too low, go around.

At about 3 feet from the ground, round out and shift your eyes to the far end of the runway. Touchdown will be 300 to 500 feet past your aim point. With a little practice, you will be making consistently good landings.

Next, Gary H. talked about propeller bolt torquing. Wood props must be torqued properly and frequently, especially if relocating from a wet climate to a dry one. A properly torqued prop will compress about 0.018 inches. A 1% decrease in moisture content will shrink about 0.009 inches. You will be losing 50-60% of the clamping load.

AS127 gives the torque requirements for the common SAE flange sizes. If the bolts are too loose, the clamp load will be inadequate and the prop will fail.

Standard AN bolts have a short threaded section and may not provide adequate engagement. Gary likes to use special bolts made by Saber Manufacturing.

Install the prop by tightening the bolts in a star pattern in 5 ft-lb increments. Check the blade track

at 2-4 inches from the tip by removing a plug from each cylinder and noting the blade movement relative to a fixed point on the ground. Tracking error should be less than 1/8 of an inch.

Bellville washers can reduce the loss of clamping force due to shrinkage. With Bellville washers, a 1% change in moisture will reduce the clamping force by only 15%.

Thank you Andy and Gary for tonight's presentations. Next month we will have tower controller to answer our questions.

Next we had the 50/50 raffle drawing. The winner received \$19.

The meeting adjourned at 8:28 PM.

Respectively submitted
Michael Cycon, Secretary

CHAPTER 228 WEBSITE

Check out the new chapter website 228.eaachapter.org and please give us your thoughts.

EAA FLIGHT TEST MANUAL

The long-awaited EAA Flight Test Manual (FTM) is ready to ship, and the EAA is now [accepting orders](#); the member price is \$17.95 and \$22.95 for nonmembers.

The EAA Flight Test Manual is a new, comprehensive program for test flying your new 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.

228 CHAPTER APPAREL

Do you have Chapter 228 apparel for the upcoming flying events? If not, get yours on order now. Caps with our logo are available. See Mike Cycon to get your caps. To get your order in for polo shirts, contact Don Croyle. We have shirts available for sale in the following sizes, White 2 XL and 2 2XL.

Cost \$25 for the grey and \$15 for the white

CHAPTER 228 FLYING CLUB

Our EAA Chapter is planning on starting a flying club. Much of the initial planning has gotten under way, and if there are any chapter members wishing to join a flying club to reduce the cost of flying or even wishing to join a club to learn to fly or add ratings, this is your opportunity. Todd Bristol has been leading this program, however, because of work commitments, Todd would like to have someone else take over the program. Can someone else in the chapter please take on the leadership of this program, and please contact Todd if you can help.

Contact Todd Bristol (480) 755-4200

THINGS TO DO - PLACES TO GO FOR BREAKFAST:

The fly in breakfast at Coolidge Municipal Airport (P08), has restarted, and is on the first Saturday of the month.

The Falcon Field EAA Warbirds Squadron fly in breakfast and car show is on the third Saturday of the month, and the first breakfast will be on November 16.

On the third Saturday, the fly in breakfast at Benson (E95) at Southwest Aviation is still on a quarterly basis. Check APA calendar for dates. (There are still special fuel prices for breakfast attendees.)

The Grapevine Airstrip (88AZ) next to Roosevelt Lake is open to fly into any time, but the BBQ lunch

which was hosted by APA is on hold for the summer, and is planned to restart in October.

The last Saturday of the month there is still a fly in breakfast at Casa Grande Municipal Airport (CGZ). The Airport's restaurant, Foxtrot Cafe, operating in the climate controlled Terminal Building, is open 6:30am to 2:00pm Monday thru Saturday. On the last Saturday of the month they will continue thru the summer to have a "Fly in Breakfast Special" available on the menu; the price for adults is \$8 and kids \$5.

FOR SALE

2 place Sonex - Tri Gear. Amateur Built LSA. Jabiru 2200 engine. 610 hours Total Time on Engine and Airframe. Aero V fuel system, Dual Controls VHF 360 Comm. radio/intercom, Xponder, GPS.

149 mph TAS @ 8,000' Density Altitude. Plus Lots of Spare Parts Included.

Based at Falcon Field, Mesa, AZ.
\$20,000 O.B.O.

Contact: 775-315-7102

NEWSLETTER 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.

TAIL KIT FOR SALE

RV-12 Tail Kit with custom work table

Some work completed

Compatible with new RV12iS model

Contact Dave McNeill (d1m34077@gmail.com) for more information.



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!

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6530 E Virginia St, Mesa, AZ 85215

Ph: 480-695-9568

a.s.elliott@cox.net

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