



APRIL 2021

CHAPTER OFFICERS AND STAFF

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

FOR THE APRIL MEETING

•NOTICE! The Board of Directors have decided the time has come that we can again hold in-person chapter meetings. The meetings will be held at the CAF. As before, Enter from the south side of the building. Pizza and drinks for a \$5 donation will be available from 6:00 to 7:00 pm with the meeting at 7:00 pm. There will not be a webcast of the meeting.

•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 ASAP.

•For the April meeting, Andy will have an informative Safety discussion and Gary Hertzler will have a presentation on using and interpreting borescope results for aircraft component inspections.

CALENDAR

DATE	EVENT
Tues. 4/27/2021 @ 7:00 pm	In Person Meeting
Tues. 5/11/2021 @ 6:30	Board Meeting Webinar
Tues. 5/25/2021 @ 7:00 pm	In Person Meeting
Thursday Coffee @ 8:00 am	Falcon Warbirds Ready Room

CHAPTER SOCIAL ACTIVITIES

The chapter social activities are on hold for the moment because of the Coronavirus crisis, and will resume when the crisis has passed.

EAA Chapter 228 Falcons Membership Meeting Minutes Summary

March 23, 2021

The March meeting of the Falcons was an in person meeting at the CAF hangar with a simultaneous webinar using the WebEx platform. President Trent Heidtke brought the meeting to order at 7:00 PM. There were 16 members/guests present and 14 members signed on.

Trent opened the meeting by introducing our guest speaker, Sandy DiFazio, who traveled all the way from Tucson. Sandy is building a Cirrus VK-30 and wanted to tell us about his project.

The VK-30 was the predecessor of the Cirrus SR-20 aircraft but is quite different in its design. The VK-30 is a pusher design with a IO 550 engine turning a 3 blade prop through a rather long drive shaft. The aircraft kit was introduced at Oshkosh in 1988 and only about 40 kits were sold. About 4 aircraft are actually flying.

Sandy has actually flown in more than one of these airplanes and says it's a little noisy on takeoff but very quiet in cruise. It really attracts a lot of attention wherever it goes. He acquired his kit in 1995 when he lived on Long Island. He bought an engine from Cirrus and had it overhauled by a mechanic who worked for Mattituck Engines, one of the premier engine shops of the time. Some builders have turbocharged the engine but Sandy believes simple is better.

He brought the kit to Arizona where he resides in a fly in community near Tucson. The engine has been run in a test cell at Chandler. He moved the airframe to Falcon for some work by Performance One, but due to a change in ownership he has moved the project to a hangar on the north side of the airport. He welcomes every one to come over and see his bird. Helping hands are always appreciated.

Sandy described a few of the things he has done. His panel is a pair of 10 inch Dynons with a center

mounted iPad running on ships power. He is using a 60 amp alternator and a backup alternator on the pad where a vacuum pump would normally go. He has installed an 1100 BTU battery powered AC unit which should keep the cabin cool before take off.

Sandy's philosophy is to over build for design margin. His custom made drive shaft will be a carbon fiber design capable of much higher HP than his engine. The drive tunnel is machined from a single billet of aluminum. A large torsional damper on the drive shaft is also oversized.

He plans to use an experienced test pilot for the initial flight and will fly the first 10 hours of Phase 1 with him to learn the airplane.

Good luck Sandy and thanks for sharing your project with us tonight.

Trent resumed the meeting with an update on Falcon Field as provided by Lynn Spencer from the administration. New access cards and rules for tenants are coming soon. There is also a plan to scrape and resurface 4/22L. The south runway will be closed for about 8 days. A start date has not been established. During March and April, the tenant bathrooms will be refreshed with new flooring, tile and fixtures. Falcon Field Administration is limited to telephone support only due to the Corona virus. Other airport businesses are open but may have limited hours. Please try to support them in these difficult times.

Trent continued with an update on the new hangar construction. Construction is moving along and most of the new hangars are closed in. Trent showed a video of the new jet center hangar under construction.

We have again been granted a Ray Scholarship and are soliciting applicants from the Scouts, schools and EVIT. Applications are due by the end of April.

EAA calendars are available for \$12 each. If you would like to purchase one, see Trent. We also have received EAA "Oshkosh 2020" merchandise (hats, shirts, pins and patches) and they are available for purchase. Contact Don Christensen.

This months shout out goes to Chuck Flint for his successful application for the Ray Scholarship.

The Treasurer reports that the account balance is about the same as last month (\$5451). Your Chapter dues are needed.

Next Trent gave an update on members build projects.

- Glen D. Dyke Delta - has not started but still plans to build.
- Don H. Onex - asked Trent to look over spar rivets and marked a few for replacement. Getting ready to install the rudder pedals.
- Keith P. Velocity - can't drive out of Canada due to COVID restrictions.
- Lewis M. RV-8 - His panel is done and checks out okay. All engine instruments okay as well. ADS-B installed. Will be using ifly GPS.
- Alex & Kim RV-7 - have been working on baffling and exhaust. Fuel lines are made. Almost done with oil cooler install. Scheduled transition training for May.
- Aaron W. RV-10 - Working on the pilot door. Should be easier now that the co-pilot side is done.

Thursday coffee (8:00 AM) in the newly revamped Warbirds ready room has resumed.

Here is the current outlook for fly outs:

- 4/3-Coolidge breakfast
- ? Twin Hawks fly in and camping?
- 9/10 Fly in and camping at Prop wash Ranch. See the APA web site for details. (RSVP requested)
- 4/16-17- Grapevine camp out
- 10/11-21- Page and Bryce Canyon CTLS group fly out

Trent gave the airspace and accident news.

Be aware of the parachute activities from Coolidge to Tucson. The Mobile glider field is now being used for military parachute training.

There were several accidents to report:
A Grumman Yankee had a landing accident at St Johns. A B-35 landed at Tucson gear up.
A C-150 landed in a field (emergency) and flipped over. An off airport landing near Arlington, AZ caused substantial damage and serious injury to the pilot. A Malibu Mirage ran off the runway as did a Kit Fox at Falcon Field.

The next YE event will be the EVIT summer group on June 5th. More details will be coming in April/ May.

Andy Elliott gave his safety briefing on summer flying and thunderstorms. First off, if you see puffy clouds, expect to find smooth air above these clouds and thermals on the underside. Near a mountain, always try to fly on the upwind side (updrafts). On the downwind side you will encounter downdrafts and turbulence.

Dust devils are a sign of unstable air at the surface. Be prepared for turbulence and wind shear when landing.

There are three phases of a thunderstorm. In the cumulus phase the clouds are developing and you can expect strong updrafts below the clouds. Inside will be turbulence. This stage usually develops quickly.

The next stage is the mature stage. The clouds have passed the freezing level. The frozen drops of water will be falling. Rain and or hail is possible. Lightning will develop within the cloud. Stay at least 20 nm away.

Finally the clouds reach the dissipating stage. They will shrink down in size and will have less energy. Strong downdrafts and outflows are likely from the collapsing clouds.

Thank you Andy.

The next meeting will be on on April 27th. Trent closed with a reminder to keep current by learning.

The meeting adjourned at 8:20 PM.

Respectfully submitted
Michael Cycon, Secretary

228 FLYING CLUB

While our EAA Chapter would like to continue with plans on starting a flying club, the virus pandemic has pretty much caused everything come to a halt. Because of the pandemic, those that had an interest have been distracted with more serious concerns, and once we get thru this present virus situation and things get more normalized, we can re-engage our flying club activity. In the meantime, if you have any questions, please contact; Philip Buckalew at philip@pmbuckalew.com or Don Croyle at (480) 442-0808

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 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.

EAA 228 CHAPTER APPAREL

Do you have Chapter 228 apparel for the upcoming flying events? If not, get your's 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.

PHOTO OF POLO SHIRTS AVAILABLE



THINGS TO DO

PLACES TO FLY FOR BREAKFAST:

Because of the present virus pandemic, some of the airport restaurants may have take-out service available. Call ahead.

The fly in breakfast at Coolidge Municipal Airport (P08), is on hold for the summer It will restart in the fall.

On the second Saturday of the month, Ritchies restaurant on Ryan Field (RYN) is serving breakfast after 6 am.

The Falcon Field EAA Warbirds Squadron fly in breakfast, and car show which was on the third Saturday of the month is on hold until the fall. They are still awaiting approval from the City of Mesa to restart.

Grapevine is 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. ***Always check for TFRs because Grapevine, which lies within a National Forest, is heavily used by the Forest Service for fighting wildfires.***

The City of Casa Grande has refurbishing the food service area in their Airport terminal area and are having to get all the change permits approved before they can start issuing a requests for quote for someone to provide food handling services. Hopefully the Casa Grande Airport will soon again have a fly in breakfast available.

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.

Aircraft Parts For Sale

Call Brian Briggerman (602)999-4956
email: blb703@cox.net

Trio EZ-2 Altitude hold system with Gold Standard servo. \$900.

Warp Drive 66" inch 3 blade propeller, SAE-1 hub. \$500.

Spinner, 10 inch 3 blade composite \$100,

Zefronics voltage regulator #R15V00 Rev A (new) (fits a Continental O-200). \$100.

Bendix King AV80R ACE GPS. \$100.

Pneumatic pulled rivet gun. \$100.

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

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

Misc. Items For Sale

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

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

“Make reasonable offer for all”.

Also I need a piece of phenolic scrap .25 thick by 3” x 3” (or large enough to cover those 3x3 dimensions).

Thanks,
Bob Smith

Please Call Me At; 480-220-3252

