



# FOR THE AUGUST MEETING

•**NOTICE!** It was the consensus of the Board of Directors of the Chapter to cancel the EAA Chapter 228 in-person membership meeting in support of the preventative measures underway nationally, and statewide to prevent the further spread of the Coronavirus. There will be a “webinar” type August meeting. Watch for an e-mail with details.

•**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.

•We are in that time of the year that flying weather could be a concern, so this month we will have a speaker on Arizona flying weather.

# AUGUST 2020

## CHAPTER OFFICERS AND STAFF

All phone numbers are area code 480 unless noted.

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<b>DIRECTORS</b>	Gary Christensen	225-9454
	Gordon Craig	329-7672
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## CALENDAR

DATE	EVENT
Tues. 8/25/2020 @ 7:00 pm	Webinar
Tues. 9/8/2020 @ 6:30	Webinar
Tues. 9/22/2020 @ 7:00 pm	Webinar
Thursday Coffee @ 8:00 am	Warbirds Readyroom

## 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

July 28, 2020

The July meeting of the Falcons was a webinar using the WebEx platform.

President Trent Heidtke brought the meeting to order at 7:03 PM. There were 27 members and guests signed on.

Trent opened the meeting with an update on the new hangar construction. Heavy equipment is on site, the rebar has been delivered and footings have been poured.

The 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.

Lynn S. from Falcon Field Admin is helping to locate a larger meeting site for the Chapter when face to face meetings return. A room near the Warbirds hangar is one possibility.

The next YE event will most likely be in October/November. If you can help out with the flying or ground crew, contact Bill Worger ([billworger@cox.net](mailto:billworger@cox.net)).

Chapter member Scott Trisilla has been selected to receive the first Ch 228 Ray Scholarship and has taken and passed the FAA written exam. He is working on getting his 3<sup>rd</sup> class medical and is making plans to begin flight training in August either through the UND program or a private CFI. Congratulations to Scott.

Next Trent gave a shout out to all chapter members for their continued support by attending these web based meetings.

The Treasurer reports that the balance is still about \$5000.

Next Trent gave an update on members build projects.

Don H. Onex has not done much in the past month due to other commitments. He is getting help from the Sonex builders group.

Keith P. Velocity-is taking the summer off while in Canada. He is also waiting delivery of his Delta Hawk engine.

Pete W. RV-12- no update from Pete. We are hoping he has made his first flight and all went well.

Louis M. RV-8- finished almost all of the fire wall forward. Hopes to fire up the engine next weekend.

Alex and Kim RV-7- finished the canopy! Working on upholstery using cheap Good Will drapery fabric to make patterns and practice.

Aaron W. RV-10- took a break and went to Yellowstone to get away from the heat.

Thursday coffees and the social dinners on the second Saturday are on hold. Restaurants at most fly in destinations are open with limited indoor seating. Sadly, the Casa Grande's Foxtrot Cafe has closed. Hopefully someone else will take over the operation.

On 8/28 is the BJC fly-in to Broomfield CO. It is recommended you check the APA web site to verify this event will take place as planned.

Trent gave the airspace and accident news. Jim Timm advised that there is no airspace news to report. There were no NTSB accident reports released. No updates on last month's RV-4 crashed on approach to Safford. The Zodiak 601 that hit terrain near AkChin was flying below the traffic pattern at night.

Tonight's Safety Briefing provided by Andy Elliott was "When You're GPS Fails".

You should be aware that the GPS is an extremely weak signal. Most failures are due to some electrical noise within your avionics that is blocking the signals. People have reported that certain COM radio transmission will interfere with GPS.

Other reasons for failure are: loss of a GPS satellites and GPS jamming. The military will routinely block GPS for training purposes. Usually these events are published in a NOTAM. Sometime a bad actor will use an inexpensive jammer to disrupt the GPS signals.

Many portable GPS devices can receive GLONASS (Russian) and Galileo (European) GPS signals but frequently disable these to reduce battery drain. If you can activate these, you reduce the chance of a losing a signal.

The age of the equipment is also a factor. You may need to update your device after 10 or more years. Overheating is another failure mode. This is especially true for iPad devices.

If you do lose GPS remember to:

AVIATE-keep the airplane flying

NAVIGATE- even though you have lost the GPS, your map should still function. Use it to identify land marks and continue to navigate. If you have a paper chart, use it.

COMMUNICATE- contact ATC and ask for radar vectors. They are there to help you if you need it.

Finally, practice flying without the GPS. In the local area you should be able to fly to airports within 50 or more miles without a GPS. If you have a VOR/ILS system, practice using it as well.

Thank you Andy.

Tonights main program is an introduction to several popular EFB applications. Andy Elliot led off with a review of iFly GPS.

The iFly GPS is a medium level system which is useful for both VFR and IFR flying. One advantage is it works on multiple platforms: Android, iOS, Windows and a dedicated iFly GPS tablet (iFly model 740b). A basic subscription allows you to install it on two devices or you can purchase a multi-platform license.

Andy demonstrated the various screen layouts and some of the program features:

Moving Map  
Terrain  
ADS-B weather and traffic  
TFRS  
Instruments  
Vertical navigation  
Flight track history

A new feature called Real Plan provides an optimum route subject to the criteria you select (e.g. no MOAs, TFR's, Class B, etc). The program will automatically provide the shortest route for you.

Subscriptions cost are \$80/yr for VFR and \$130/yr for IFR. The multi-platform option is \$25. On the negative side, Andy notes that the IFR package is for the average user and the Simulation mode is not that good.

Next Don Croyle reviewed Fly Q. This app has a lot of similarities to iFly. It also works on Android, iOS, and Windows and you can easily upload flight plans from one device to another. Don likes to plan his flights on his PC and then load them to his tablet. If your flight plan does not clear the terrain, the program alerts you to this. Cost is about the same as iFly GPS and they do offer a lifetime subscription option. One feature Don wishes it had is glide rings since he does a lot of glider flying.

Finally Gary Christensen reviewed Foreflight (Boeing product since 2019). Foreflight is the premier EFB and is used by most of the air carriers.

Foreflight is only used on iOS devices. A subscription gives you a license for 2 iPads and 2 iPhones. It provides GDL90 connectivity which makes it compatible with many popular MFD's (Dynamon, Garmin, etc).

One of its strengths is its graphical weather briefing and flight planning capability. It also has synthetic vision and the ability to do post flight reviews with an overlay of Google Earth. The track logs include altitude and you can also capture attitude, heading and ground speeds for post flight review.

Foreflight offers three subscription levels: Basic VFR/IFR \$99.97/yr, Pro plus is \$199.97/yr and Performance plus is \$299.97/yr.

Thank you Andy, Don, and Gary for tonight's presentations.

The next meeting will be August 25<sup>th</sup>, hopefully a face to face. Trent concluded with a reminder to spend an hour a month on webinars or on line training.

The meeting adjourned at 8:25 PM.

Respectively submitted  
Michael Cycon, Secretary

## **FALCON FIELD NEW RATES AND CHARGES**

When you pay your next hangar bill, remember, effective August 1, 2020 the fees for City-owned hangars, tie downs, storage rooms has been increased by approximately 3%. A modest increase when you consider that the fees for these facilities have not changed for the past 10 years.

## **SAFE SUMMER FLYING**

With summer in full swing, general aviation activity is also on the rise in many parts of the country. However, here in Arizona, given our summer temperatures, flying activity really comes to a screeching halt until the more rational fall temperatures arrive. In spite of our summer temperatures, we must keep current and brush up on our flying skills, especially if it's been some time since your last flight. You'll want to be prepared for some of the unique challenges associated with summer flying. To help, check out this list of 10 things to keep in mind before your next flight: <https://medium.com/faa/safe-summer-flying-for-general-aviation-129c490bbf6a>

## **CHANDLER TRAFFIC PATTERN CHANGE**

If you fly into Chandler Municipal Airport (CHD), be aware that the traffic pattern altitude at Chandler airport has changed. The fixed wing TPA is now 2300 MSL, and the helicopter TPA is 1900 MSL. The taxiway Charlie helicopter ops increased by 100' up to 1900 MSL but the 180 auto-rotations will remain at/below 2000 MSL as they have. Also, the CHD NDB 4R Approach will be discontinued and the NDB will be decommissioned.

## **CHAPTER 228 FLYING CLUB**

Our EAA Chapter would like to continue with plans on starting a flying club. Much of the initial planning has gotten under way, and the types of airplanes to be secured for club operation have been identified. 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, or can help with the club organization, please contact;

Philip Buckalew at [philip@pmbuckalew.com](mailto:philip@pmbuckalew.com) or Don Croyle at (480) 442-0808

## **EAA 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.

## **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.

## **CHAPTER 228 WEBSITE**

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

## THINGS TO DO - PLACES TO GO FOR BREAKFAST:

**NOTE: BECAUSE OF THE CURRENT CORONAVIRUS CRISIS, CHECK AHEAD TO DETERMINE HOW THE FLY IN BREAKFAST HAS BEEN MODIFIED TO MEET THE CURRENT CONDITIONS.**

**Do note that unfortunately the Foxtrot Cafe in the Casa Grande terminal has permanently closed as of July 18, 2020 because of the Covid Pandemic.**

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## 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.

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