



MAY 2018

CHAPTER OFFICERS

All phone numbers are area code 480 unless noted.

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FOR THE MAY MEETING

- **The April meeting will be at the [Falcon Warbirds Hangar Ready Room](#) at Falcon Field on Tuesday 5/22/18 at 7:00 PM. 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 May meeting we will have Cyrus Abdollahi from the Tucson Soaring Club to tell us about the thrills and challenges of soaring, and tell us about "landing out", and his recent flight to Coolidge in a Cirrus Glider. It will be informative to learn more about the fun, and skill of soaring and the possibility of giving it a try yourself.

CALENDAR

DATE	EVENT
Tues. 5/22/18 @ 7:00 pm	Chapter Meeting @ 7:00 pm
Tuesday. 6/12/18 @ 6:30 pm	Board Meeting @ 6:30 pm
Tues. 6/26/18 @ 7:00 pm	Chapter Meeting @ 7:00 pm
Thursday Coffee	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, please advise Brian Briggerman by the Thursday before if you are planning on attending. Dinner time is at 4:00 pm.

EAA Chapter 228 Falcons Membership Meeting Minutes Summary

April 24, 2018

The April meeting of the Falcons was held at the Warbirds hangar at Falcon Field, Mesa, AZ.

Prior to the meeting, we had 3 airplanes on the ramp to demonstrate three different ADS-B in/out solutions:

Mike Cycon's RV-6A: Echo UAT + SkyFxt-EXT GPS

Dave McNeill's RV-10 : Trig transponder, Safeflight GPS and SkyRadar

Gary Christensen's RV-6A : Dynon transponder/ADS-B in

President Trent Heidtke brought the meeting to order at 7:00 PM. There were 34 members and guests in attendance. Everyone who paid for pizza tonight got a raffle ticket. Those present who helped with the March Young Eagle event got an extra ticket.

Trent showed a short EAA promo video for Air Venture 2018. This was followed by the first of three trivia questions, for which a correct answer earned an additional raffle ticket.

Trent asked for guests/new members to introduce themselves.

- Brent Hall, retired SWA captain, built and flies an RV-7A
- Michael York came as a guest of Gary Christensen
- High school students Zach and Antonio came to check us out

Welcome to all our guests/new members!

A motion was made to accept the March meeting minutes as published in the Newsletter. The motion passed.

The treasurer, Don Croyle, reported that he has combined all his membership data into a spread sheet and will pass it around for all to verify info and make changes if necessary. The balance at the end of March is \$3414.42 (plus about \$70 in petty cash).

Trent asked builders present tonight to give an update on their project. Larry J. (Lancair Legacy) has about 13 hrs of phase 1 completed and reports no problems. Pete W. is still working on the canopy of his RV-12. Keith P. is still filling and sanding his Velocity. Bob S. has some additional fuselage work before he starts the wings. Lewis M. has finished VS and HS of his RV-8.

Brian B. reminded everyone of the Thursday coffee (0800-0900) in the Warbirds hangar and the dinner social on the second Saturday of the month at Vito's.

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

Jim Timm started off by saying that anyone flying in the area northeast of Scottsdale airport should be above 1000 ft agl. A number of homeowners in this area are complaining about low flying aircraft and have hired a lawyer to send out notices and complaints to the FAA.

The NTSB reported 6 accidents from February to March. Although no details were provided they all appeared to be minor. At least two accidents were student pilots not following flight school protocols for ground ops and parking.

Jim reminded everyone to read the notice that was handed out regarding the request to rezone property near the airport and urged all to attend the next city council meeting on May 7th and voice your safety concerns.

Andy Elliott began our safety briefing tonight with a clarification of the Taxiway B trenching that will begin in two weeks. Expect single file ops getting to and from the ramp around Spot 2.

Tonight's safety topic is "Hot Weather Ops". As we start the 100+ degree days, be aware of the effects of density altitude (DA). At 110 F, the DA at KFFZ will be >5000 ft. On a 85 F day, it will be 8300 ft at KPAN and > 10,000 ft at KFLG on a 80 F day. Remember that the runway temperature can be 20 degrees or more hotter than the air temperature and that will raise the DA even higher. Expect longer take off runs and faster ground speed when you touch down.

LEAN your engines before take off, otherwise you will lose effective HP, making the takeoff run even longer. Watch those CHT's. Expect the CHT's to increase about the same amount as the air temps (350 F on a 50 degree day can exceed 400 F on a 100 deg day). Climb at a higher airspeed or step climb to keep temps down.

Survival tip #1: carry water and wear your survival gear (signal mirror, PLB, cell phone, snacks, sun block, etc.) on you when flying. If you have to make an emergency landing, you want to be sure you have these items on you when you exit the airplane.

Unless you are absolutely sure you can walk to a rescue location, stay with the airplane. Searches can more easily spot an airplane as they can a person. Avoid low areas, especially if there is a chance of flash floods.

Bill Worger, YE coordinator reported that all 13 kids who signed up showed up on March 24th and had a flight experience. Thanks to the pilots and ground crews who supported this event.

Before the open discussion of ADS-B experiences, Andy E. reported that his install of the uAvionics Echo system was very easy and worked the first time he flew. Gary H. gave a brief slide presentation of how to install and setup the Echo system. His presentation will be posted on the chapter website.

Pete D. asked how many people were interested in buying the Echo (about 5 said yes). He agreed to call Echo and ask if a group discount was available.

Gary C. briefly described his Dynon solution and said that they are working with uAvionics (makers of the Echo) to provide hardware. Some integration

issues delayed the release of hardware, but those issues have been solved and Dynon is shipping.

Ken E. reported that he is pleased with his Garmin GDL88 in his Grumman Cheeta. He only has a minor issue: he does not see any traffic until his plane is in motion. Other users don't seem to have this issue, so he may need to trouble shoot.

Philip B. reported that his Stratus system worked well and recommends it for certified aircraft. It does require a replacement of the transponder.

After the last trivia question, Trent drew the lucky ticket. Congratulations to Chris Z. who won the \$20.

Thanks to every one who participated in tonight's program.

The meeting adjourned at 8:25 PM.

Respectively submitted
Michael Cycon, Secretary

ADS-B COMPLIANCE

On January 1, 2020 all civil aircraft operating in the United States will be required to have installed and operating, an approved ADS-B out system if they are going to be operating in any airspace that presently requires the use of an ATC Transponder. Because of this requirement, at the April meeting, Pete Duran took an action to contact uAvionics about a discount for a group buy of the Echo UAT +SkyFx-EXT (<https://www.uavionix.com/products/echo-uat/>). The regular price of this system is \$1399. They did not offer any discount at Sun and Fun, and have not made a decision about a discount at Oshkosh. They did offer Pete a 10% discount if he ordered 10 systems. If you are thinking about buying this system and want to take advantage of this limited time deal, contact Pete directly at pfdwind@live.com.

There is no sales tax, and shipping will be less than the \$20 if purchased individually. IF there is enough interest, we will work out the payment details (full payment up front may be required).

CHAPTER 228 WEBSITE

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

PLACES TO FLY FOR BREAKFAST

The fly in breakfast at Coolidge Municipal Airport (P08) is on the first Saturday of the month is now on summer hold until October.

The Falcon Field EAA Warbirds Squadron fly in breakfast and car show is on the third Saturday is now on summer hold until October.

The third Saturday of the month there is a fly in breakfast at Benson (E95) at Southwest Aviation. (There are special fuel prices for breakfast attendees.)

Also on the third Saturday, around noon, a lunch is made available by APA at the USFS Grapevine Airstrip (88AZ) next to Roosevelt Lake is also on summer hold until October.

The last Saturday of the month there is a fly in breakfast at Casa Grande Municipal Airport (CGZ). The Airport's restaurant, Foxtrot Cafe, operating in the AIR COOLED Terminal Building, is open 6:30am to 2:00pm Monday thru Saturday, and on the last Saturday of the month they have a "Fly in Breakfast Special" continuing on thru thru summer.

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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.

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.



Andy Elliott, CFI

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