



# FOR THE FEBRUARY MEETING

- The February meeting will be at the CAF Hangar at 7:00 PM on Tuesday 2/28/17. Enter through the south door. 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 Brian Briggerman to renew your commitment to Chapter 228 this month.
- Andy Elliott will have this month's safety briefing on the PHX Class Bravo Airspace and it's risks. This month's featured speaker will be Mike Still, from EAA Chapter 1445, telling us about the construction and flying of his Titan T51, 3/4 scale Mustang.

# FEBRUARY 2017

## CHAPTER OFFICERS

All phone numbers are area code 480 unless noted.

President	Steve Martin	857-3976
Vice President	Gary Hertzler	897-8167
Treasurer	Philip Buckalew	395-3686
Secretary	Mike Cycon	838-6353
News Letter Editor	Jim Timm	839-9187
Web Master	Mike Cycon	838-6353
Membership	Brian Briggerman	837-6510
YE Coordinator	Andy Elliott	985-2239
Socials	Brian Briggerman	837-6510
Flight Advisor	Andy Elliott	985-2239
Tech. Counselors	Gary Hertzler	897-8167
	Bob Greco	602-478-4403
<b>DIRECTORS</b>	Gary Christensen	897-8901
	Gordon Craig	329-7672
	Trent Heidtke	602-295-8546

## CALENDAR

DATE	EVENT
Tues. 2/28/17 @ 7:00PM	Chapter Meeting @ 7:00 PM
Tues. 3/14/16 @ 6:30 PM	Board Meeting @ 6:30 PM
Tues. 3/28/16 @ 6:30 PM	Chapter Meeting @ 7:00 PM
Thursday Coffee	Warbirds Hangar @ 8:00 AM

The Chapter 228 socials with dinner at Vito's Italian restaurant are happening 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

January 24, 2017

The January meeting of the Falcons was held at the CAF hangar at Falcon field, Mesa, AZ.

President Steve Martin brought the meeting to order at 7:04 PM.

There were 32 members and guests in attendance.

Steve asked for guests/new members to introduce themselves.

- Ron Patterson built and is flying an RV-4 based at Pegasus
- Karen and Al Jeske are visiting from east central Ohio. Al is a member of an Ohio EAA Chapter
- Douglas Howell is interested in helping anyone building
- Tom Carr is just visiting

Welcome to all our guest/new member!

A motion to accept the November 2016 meeting minutes as published in the Newsletter was made. The motion was accepted and the meeting minutes passed.

The treasurer reported that the balance at the end of December 2016 was \$3,070.42 Motion to accept treasurer's report and the motion passed.

President Martin asked builders present tonight to give an update on their project. Trent H. stated that Gary C. was almost done and was in Oregon getting transition training for the RV-6A. Trent's Prescott Pusher is close to making a first engine start. Bob Smith said his Sonex is starting to look like an airplane. Pete W. is finishing up his RV-12 tail and is ready to get the next kit. There is a

backlog on wing and fuselage kits at this time. Jack Greene is working on instruments for his AirCam. He is about 75% done. The engines will be ordered next.

Jim Timm started off by stating that there have been no significant airspace issues other than poor flying conditions in January with low clouds and icing conditions. The big event was Aviation Day at the Capitol on January 17. This annual event is sponsored by the Arizona Airport Association. The purpose is to inform our legislators of the significant impact of general aviation on the Arizona economy. Hopefully the legislators will stop taking money from the aviation fund for social/welfare programs and use it to grow aviation.

The APA put together a large display of aircraft/helicopters and UAV's for the event. Our own Bob Robb brought his Kitfox ultralite to the exhibit which was featured in the evening news. Thanks to the APA and Bob for supporting this informative event.

From an accident stand point, 2016 was a good year. We ended the year with only two non injury accidents and one minor incident in December. However, 2017 is off to a terrible start with four accidents and 6 fatalities. One was weather related near Payson claiming a family of four in a turbo 210 and the other a loss of control during takeoff in Tucson with 2 fatalities. Please be careful out there and know your personal limits with respect to weather.

Andy Elliott was out of town tonight but he provided a brief safety video on low altitude maneuvers. A large majority of accidents occur at low altitude, usually in the landing and takeoff phase of flight. It is important to be aware that airplanes stall at a critical angle of attack, but few pilots understand this. Angle of attack is the difference between pitch angle (attitude) and the flight path angle. Practicing go-arounds and slow flight at a safe altitude (at least 2500 ft AGL), will help you be a better pilot and avoid a fatal mistake at low altitude.

Gary Hertzler gave the main program tonight with a demonstration of what to do when you have a low compression test. AC 43.13-1B considers a reading of 60/80 a "weak" cylinder and refers the mechanic

to the manufacturer's guidelines for further evaluation. Both Continental and Lycoming have different recommendations for corrective action or even a threshold for taking any action. Lycoming says that if the reading is below 60/80, remove/repair the cylinder. Continental, on the other hand, has a different philosophy as outlined in SB03-3. They provide trouble shooting guidelines to determine where the leakage is coming from and recommend using a borescope to examine exhaust and intake valves. Borescopes can be pricey, but low cost equipment is becoming available. Gary uses one sold by Oasis Scientific and cost about \$200. Mike Busch of the Savvy Aviator has written in Sport Aviation about using a borescope and how to diagnose good from failed exhaust valves. Gary demonstrated how to use the borescope and showed images both normal and failed valves. A failed valve will have a non uniform coloration where as a normal (good) valve will have a uniform reddish appearance. Another tip that the Savvy Aviator gives is a low frequency oscillation of about 30 deg on the EGT may indicate that a valve is starting to fail.

Thanks Gary for the demonstration.

Due to technical difficulties, the EAA video was not shown.

The meeting adjourned at 8::15 PM.

Respectively submitted  
Michael Cycon, Secretary

## **FFZ OPEN HOUSE MARCH 25**

Falcon Field will be having their annual open house on Saturday March 25 from 9:00 am to 2:00 pm. If anyone would like to have their airplane on display for the event please contact Dee Anne Thomas at (480) 644-4045.

For the open house, EAA Chapter 228 will once again have a Young Eagles Event in the morning. Ground help, planes and pilots are needed. Please give Andy Elliott a call if you can help out.

## **NEW CHAPTER 228 WEBSITE**

Check out the new chapter website [228.eaachapter.org](http://228.eaachapter.org) and let us know what you think.

## **NEWS LETTER REQUEST**

We would very much like to have a monthly submission from a chapter member on some notable flying event that has recently happened or that may be coming up or a new or "different" building project that is under way.

## **28 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.

## **PLACES TO FLY FOR BREAKFAST**

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

The second Saturday of the month, the Ryan Field (RYN) restaurant used to be the fly-in destination. The restaurant is in the process of major renovation and the opening date has not been set, but, as soon as we find out we will publish the date.

The Falcon Field EAA Warbirds Squadron fly in breakfast and car show is on the third Saturday.

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 donation lunch is served by the APA at the USFS Grapevine Airstrip next to Roosevelt Lake.

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 Terminal Building, is open 6:30am to 2:00pm Monday thru Saturday. On the last Saturday of the month they have a "Fly in Breakfast Special" available.

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NEWSLETTER WANT ADS

ADDS 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.

**FOR SALE**

2 place Sonex - Tri Gear. Amateur Built LSA.  
Annual Condition Inspection October 2016  
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.  
Based at Falcon Field, Mesa, AZ.                   \$28,500

Contact: 480-964-9236

**PARTNERSHIP AVAILABLE**

We are looking for a 4th partner in a Zenith 701 based at Falcon Field. It has a Rotax 912ULS - 100HP with only 130 Hours on it. Flies Great.  
Contact;

Todd Bristol <[djtoddb@yahoo.com](mailto:djtoddb@yahoo.com)>

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a.s.elliott@cox.net                   Discounts for EAA members

A photograph of a blue and white experimental aircraft, possibly a Sonex, parked on a runway. The aircraft is a high-wing, two-seater with a tailwheel. The background shows a clear sky and some distant mountains.

## Exceptional 1979 PA-28-201T Turbo Dakota

4366 TTAE

Engine 1082 SFOH by Teledyne Continental Motors.

Prop121 SOH

Based Falcon Field

See website for details: [N29407.weebly.com](http://N29407.weebly.com)

Contact Chris Tucker at [DakotaFlyer@cox.net](mailto:DakotaFlyer@cox.net)

