



THE FALCONS MARCH 2014

FOR THE MARCH MEETING

- The March meeting will be at the CAF Hangar at 7:00 PM on Tuesday 3/25/14. Enter through the south door. The pre-meeting food (served at 6:00) will be Pizza & soda for a \$5 donation. (Note the 6:00 serving time.)
- **It's membership renewal time.** With everything else going up in price, your Chapter dues are still only \$20 per year. See Mike Cycon to renew your commitment to Chapter 228 this month.
- For the program this month, we will once again try to have Brian Seegers speak on small engine development at his company, AZMark. A monthly safety briefing will also be presented by Andy Elliott on a review of Experimental Amateur Built aircraft accidents.
- **NOTE:** A reminder that the Thursday morning coffee is being held in the EAA Falcon Warbirds Hangar which is located in the old west Champlin Hangar.

CHAPTER OFFICERS

All phone numbers are area code 480 unless noted.

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CALENDAR

DATE	EVENT
Tues. 3/25/14 @ 7:00 PM	Chapter Meeting @ 7:00 PM
Tues. 4/8/14 @ 7:00 PM	Board Meeting Warbirds Hangar
Tues. 4/22/14 @ 7:00 PM	Chapter Meeting @ 7:00 PM
Every Thursday @ 8:00 AM	Coffee at New EAA Warbirds Hangar

This month's speaker, Brian Seegers, has a very interesting background and started trying to build a gas turbine engine as a youngster. Brian has been conceiving gas turbines since the age of ten when he tried to make a turbojet from two cat food cans stitched together with nichrome wire from a slot car speed controller. In high school he was very lucky to get a job as a machinist and tool grinder at a local tool shop.

He operated his first self-sustaining engine in 1978. He worked nine years at Garrett (Now Honeywell Engines) as Project and Development Engineer on Turboprops and the T800 engine. While at Garrett, he continued the small turbine projects in his garage and in June of 1988, demonstrated the first practical gas turbine for model aircraft. In October 1988 he left Garrett to found M-DOT Aerospace with the goal of producing small gas turbines for the modeling hobby. Unfortunately, nobody back then believed that a modeler would spend \$2200 on a model airplane engine and so that project was shelved. Thanks to Floyd Stilwell at Marsh Aviation he was able to snag some initial work making real airplane parts and thus M-DOT self sustained for 22 years until being sold in 2011 to Mark Lee.

He currently works at Azmark Aero Systems in Gilbert as Chief Scientist and is addicted to milk duds and RC model helicopters.

EAA Chapter 228 Falcons
Membership Meeting Minutes Summary
February 25, 2014

The February meeting of the Falcons was held at the Commemorative Air Force hangar at Falcon Field, Mesa, Arizona.

Thank you again to Todd Nuttall for picking up the Costco pizza and Dave Searle for providing the beverages.

The meeting was opened at 7:05 PM by president Nuttall, there were 28 in attendance. The treasurer's report was read and accepted. As of the end of January the balance was \$2256.90. The secretary's report of January's meeting was accepted by a membership vote.

Announcements:

March 29th is the Falcon Field open house.

More help is needed on the weekend EVIT build project, contact Dave McNeill.

2014 dues are due for payment, contact Mike Cycon.

The Thursday coffee gatherings are now being held at the Falcon Field Warbirds hangar.

The second Saturday of each month is the monthly social gathering for dinner at Vitos restaurant.

Jim Timm reported that auto fuel is still in the future at Falcon Field. Jim discussed changes coming at the Phoenix TRACON and the introduction of Arizona Senate Bill 1174. He stated that in its original form SB1174 would have had a major impact on the yearly tax rates for small GA aircraft. Through the efforts of organizations such as the Arizona Pilots Association the bill was exposed and changes are being made. Jim commented that as GA pilots we must stay on the alert for legislation such as this and that we must support organizations that represent us such as APA.

Young Eagles Report: Andy Elliott reported that plans are in place to fly over 50 young eagles at the Falcon Field open house March 29th. He will need at least 10 planes and 8 helpers on the ground in order to do the event.

Program: President Nuttall introduced Mr. Otto Shill to the members. Mr. Shill is the AOPA and ASN volunteer who represents our interests in relation to issues at Falcon Field. His presentation was, Blue Skies Over Mesa – Protecting Mesa's Airports. He discussed pertinent problems that Falcon is experiencing as to neighborhood noise complaints and some possible plans to develop the airport that are not necessarily in our interests. Mr. Shill urged the members to get involved. He stated that as aircraft owners and hangar renters we must attend the public meetings and contact those political people involved in the decisions to be made on the future of Falcon Field.

The Meeting was adjourned at 9:00 PM

Respectfully submitted

John Vick, Secretary

FLY TO AIRVENTURE IN STYLE

If you want to fly to the 2014 EAA AirVenture in real style this year, two seats are still available on the Grumman Albatross flying to Oshkosh again this year. It will be departing on Sunday July 27 and returning in the following Sunday. A donation for a seat on the trip is \$500. For additional information contact Dave McNeill (d1m34077@gmail.com).

NOTICE: HELP STILL NEEDED!

The team that is working with EVIT on the WAIEX project still needs two or three more members with build experience to help with the project !!! Currently David McNeill, Mike Cycon , Ron Smith and David Searle are working every Saturday with other teenagers on the project. Additional assistance is needed to provide some alternate leadership when one of the principals are required to be elsewhere on Saturdays. We need builders/craftsman/A&Ps/engineers with sheet metal and/or composite experience. If you have considered building your own aircraft, this is a chance to get additional experience to determine whether building is appropriate for you. Please contact David McNeill at d1m34077@gmail.com if you want to help and learn.

NEWSLETTER WANT ADS

If you have anything aviation related you would like to sell, buy, or trade, or aviation service to offer, submit the necessary information 2 weeks before the monthly meeting (Please submit via e-mail to; jtimm@amug.org)

and it will be placed in the WANT ADDS listing in the monthly newsletter. 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.

FLY IN BREAKFAST VENUES

The first Saturday of the month is the fly in breakfast at Coolidge Municipal Airport (P08) from 8:00 'till Noon.

On the second Saturday of the month, Ryan Field (RYN) has started a fly in buffet breakfast. The breakfast is available in the building between Todd's Cafe and the fuel pits. Breakfast will run from 8:00 am to noon from March thru April and restart in September and run thru November.

The latest fly in breakfast that has been announced is on the third Saturday of the month. This one, started in March, is at Falcon Field (FFZ) and is being put on by the newly formed EAA Warbirds Squadron located in what was the west Champlin Fighter Museum hangar. The breakfast is being put on by the Warbird Squadron and the Airport FireFighter's Union. Breakfast will be served from 7:00 am until 11:00 am in the Warbirds Hangar.

The third Saturday of the month there is also a fly in breakfast at Benson (E95) at Southwest Aviation. (Often there have been very special fuel prices for breakfast attendees.)

The last Saturday of the month there is a fly in breakfast at Casa Grande Municipal Airport (CGZ) that runs from 7:00 am until 10:00

FOR SALE

Digital EGT/CHT. Electronics International EC-1 single channel digital EGT/CHT with all probes and cables. Unit is TSOd for certified aircraft. Has been installed in the instrument panel but never powered or flown. Cost \$362, asking \$300 OBO. Unit can be converted to read 4 or 6 cylinders with the addition of Electronics International switch assemblies P/Ns RS-4-1S or RS-6-1S. Great unit for determining combustion quality and leaning. Contact Dave Searle at dsearle2@cox.net

WANTED Dynafocal engine mount for Lycoming engine. Damaged OK. Contact

Dave Searle at dsearle2@cox.net.

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