



FOR THE JUNE MEETING

•The June meeting will be at the CAF Hangar at 7:00 PM on Tuesday 6/25/13. 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.)

• Now is the time to renew your membership. 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, Andy Elliott will have a safety briefing on hot summer weather operations. Todd Nuttall will show another new EAA Chapter Video and we will have presentations by members of their favorite or unique tools

THE FALCONS JUNE 2013

CHAPTER OFFICERS

All phone numbers are area code 480 unless noted.

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Web Master	Mike Cycon	838-6353
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YE Coordinator	Andy Elliott	985-2239
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Flight Advisor	Mike Andresen	983-8928
Tech. Counselors	Gary Hertzler	897-8167
	Bob Greco	602-478-4403

DIRECTORS	Gary Christensen	897-8901
	Don Mc Gettigan	964-9236
	Gordon Craig	329-7672

CALENDAR

DATE	EVENT
Tues. 6/25/13 @ 7:00 PM	Chapter Meeting @ 7:00 PM
Tues. 8/13/13 @ 7:00 PM	Board Meeting (IHOP)
Tues. 8/27/13 @ 7:00 PM	Chapter Meeting @ 7:00 PM
Every Thursday @ 8:00 AM	Coffee at Hangar JJ6

EAA Chapter 228 Falcons
Membership Meeting Minutes Summary
May 28, 2013

The April meeting of the Falcons was held at the CAF hangar at Falcon Field, Mesa, Arizona.

Pizza and soda were available for \$ 5.00 prior to the meeting. Thanks go to Todd Nuttall for picking up the pizza and Dave Searle for providing the drinks.

President Todd Nuttall called the meeting to order at 7:00 PM.

Tonight's program was an EAA video, discussion by members of their favorite tools and shop aids and a safety briefing by Andy Elliott on "Mechanical Decision Making".

Treasurer's report:

As of April 30th, the treasury balance is \$1,929.57.

Attendance:

There were 18 members and guests in attendance.

Old business:

A motion was made and seconded to accept the minutes of the April meeting as published.

New business:

President Todd Nuttall reported we are still waiting for confirmation from EVIT regarding the proposed Teen Build program using the Waix kit donated by Tom Nicoud. Fund raising needs to be implemented soon and Todd will be sending out letters seeking Corporate donations. Todd asked if any members have contacts with Corporations that might donate to please contact him.

Andy Elliott says that June 8th is National Young Eagles day and he is planning to fly a small group of kids who did not get to go up during the recent FFZ Open House day due to high winds. Andy circulated a sign up form for pilots and ground crew. Briefing is at 6:30 AM, flights start at 7:00 AM.

Todd showed the EAA video on restoration of Paul Poberezny's P-64 and part 1 of steel tube

fabrication. The P-64 is the only one remaining from a limited production. Paul flew aerobatics in the P-64 during the early years of Oshkosh and the plane has been in the EAA museum for the past 20+ years. It was a thrill for Paul, almost 92 years old, to sit in the cockpit of his favorite fighter plane and crank the engine to start for perhaps his last time.

Part 1 of steel tube fabrication began with how to accurately lay out the pattern on a 16 foot flat table. Part 2 will get into more details on the fabrication process.

President Nuttall turned over the floor to members to present their favorite tools. Gary C. brought in a nut plate drill fixture and strap duplicators. Both tools are great time savers. Gene M. demonstrated a neat tool that easily forms a hose clamp from safety wire. Don E. brought in a pin vise that is great for holding small parts for drilling. Jim T. showed off several items including a modified spring loaded center punch to remove the steel pin before drilling out a blind rivet, a jig that centers over the head of solid rivet to accurately drill then out, and special tool for hard to reach nut on the rear of an O-200 engine. Todd N. showed off his favorite deburring tool (available from McMaster-Carr) which has safety shield to protect your hands while deburring.

Andy Elliott gave a presentation on Mechanical Decision Making which is similar to the process of Aeronautical Decision Making (ADM). The FAA defines ADM as "a systematic approach to evaluating a set of circumstances and determining the best course of action". This same process is used in Mechanical Decision Making.

Andy went on to discuss the three most common kinds of error:

- physical skill error
- mental skill error
- judgment error

Andy gave examples of each type of error and ways to avoid them.

The meeting was adjourned at 8:40 PM.

Respectfully submitted:

Michael Cycon/Treasurer

We have just received confirmation that the EVIT Teen Flight program is a go and is being planned to start in September. We want to get a sign up sheet started this month for mentors. Anyone with build experience or an A & P license would be most helpful. Work will be at the EVIT campus at Gateway Airport on Saturdays, probably for 4 to 6 hour work sessions. We would like to get six mentors to work with and guide the students. The program will be using the Waix kit donated by Tom Nicoud. Fund raising needs to get under way fast and Todd will be sending out letters seeking Corporate donations. Todd is asking if any chapter members have contacts with Corporations that might donate to please contact him.

At the last meeting, several members presented tools that were a bit out of the ordinary that they found to very helpful in building or maintaining their airplane projects. Some photos of a few of these tools are shown here.



A very handy pin vice to hold small odd shaped parts to work on them.



A sheet metal edge deburring tool.



The tool at the left is a drill guide for mounting nut plates. The next two items to the right are strap duplicators used as a drill guide for locating a rivet hole under the edge of a sheet of aluminum.

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.

FOR SALE

A self-contained battery operated starter for 85-100 HP Continental and Lycoming engines (STC and PMA). Must have impulse coupler on Mag to operate. Contact Safe Start Systems Harold Hamp (safestart1936@yahoo.com or 989-463-1762). The complete kit costs \$1850 plus \$50 S&H. Installation at their facility (7350 Osborne Rd, Elwell, MI 48832) is available for \$500.




This handy tool is used for making lock wire type band clamps.

WANTED !

I am looking for a used transponder with blind encoder... anyone have one?

Todd Bristol
480-755-4200

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