

2011 Chapter 45 Officers

Clark Irwin (President) 412 835-3796
John Warren (Vice Pres) 724 258-3490
Diana Collier (Treasurer) 724 744-3272

John Handis (Acting Scribe) 412-241-2648

Board of Directors

Gary Jasper (Tech & Flight Counselor)
724 941-3414
Rudy Vogelsberger (Membership Coordinator)
412 343-2990

Gary Kreutzer 724 454-6786
Paul Jencka (Young Eagles Coordinator)
724 744-3272

Ernie Lanyi 412 384-8447

Fran Hicks 412 384-3675

Ernie Romito 724 335-4821

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Eric Humes 412 653-7060

Jim Carr 412 341-6526 Rob Rossi 412 343-6795

John Mateka 412-833-4503

Jack Dernorsek (Newsletter Editor) 412 824-2297

hangarb7 @ yahoo.com

TENTATIVE CALENDAR OF EVENTS – 2011

Planning and setting of dates are typically done by your board of directors at the beginning of the year and sometimes change.

Unless noted, meetings are held at the chapter hangar at Rostraver Airport. Hangar is C1

General meeting, on January 21, 2011 was cancelled due to snow, ice and very cold temps.

Next Meeting, February 18th 7:30 PM at the chapter hangar. Jack and the LE Workshop team will show a demonstration of a device to compare aeronautical drag of different shapes.

Next Board of Directors meeting, March 11th, 7:30 PM at the chapter hangar. Everyone welcome as we discuss chapter business.

March General Meeting will tentatively be the Spring Social Potluck.
March 18th, 6:30PM

Legal Eagle Hands-on Workshops
(dates rescheduled – see inside)

No General Membership meeting in July.

August has the annual picnic at the airport.

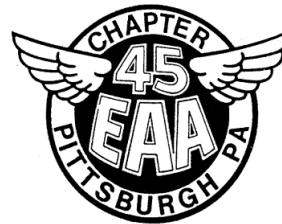
No General Membership or Board meetings in December.

Cockpit Clutter
Experimental Aircraft Association
Greater Pittsburgh EAA Chapter 45
2 Airport Road
Belle Vernon, PA 15012
Address Service Requested



What is this thing?

Cockpit Clutter



EAA Chapter 45 web site www.eaa45.org

Chapter 45 Newsletter

Experimental Aircraft Association

February 2011

Chapter News Update

Many of you have probably read the article in the new Sport Aviation (February 2011) concerning astronauts who have been involved in the homebuilt airplane hobby. What is not mentioned is that the Cassutt Racer rebuilt and flown by astronaut Hoot Gibson mentioned in the article, was originally built by one of our past members, Floyd Bert. I spoke with Hoot at Oshkosh once, and he usually attributes the quality of his aircraft to Floyd.

Floyd Bert was an original founding member of Chapter 45 in 1958, and he was a very prolific builder. He is credited with 14 complete homebuilts (mostly Cassutts and Pitts Biplanes, and then several variants of his own design based on those). He would finish one, fly it for a while and start another.

Story continued on next page...

Year 2011 Membership Renewal Drive

Dues for all members ... **\$ 25.00** cash or check ... make checks payable to EAA Chapter 45. PLEASE MAIL THIS RENEWAL OR DROP IT INTO THE MEMBERSHIP DUES BOX AT THE HANGAR. PLEASE DO NOT HAND IT IN TO ANY OTHER MEMBER OR BOARD MEMBER.

IF YOU DO NOT MAIL IT OR DROP IT IN THE DUES BOX AND IT IS LOST, PLEASE FILL OUT ANOTHER FORM AND *PAY IT AGAIN*. DO NOT COMPLAIN.

New members joining after January should pay a pro-rated amount equal to \$ 2.00 per month of the remaining year. Current members or those who haven't paid in a while still owe \$25.00 no matter when you join.

Fill out, clip & mail this slip with dues payment to:

=====
EAA Membership Dept.
2 Airport Road
Belle Vernon, PA 15012

Name _____ Date _____

Everyone needs to fill out their address so that we may correct errors. The post office makes us PAY double postage for correcting addresses,

Street address _____

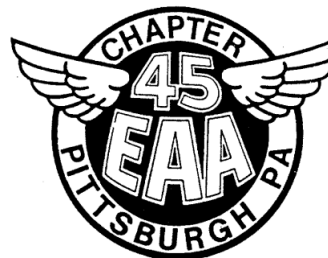
Town, State, Zip _____

Home phone _____ Wk phone _____

*Pilot Y ___ N ___ Spouse name _____

e-mail address _____

(PRINT CLEARLY - chickenscratch will not go through)



*National EAA # _____ * Please note: you do not need to be a pilot to be a member in good standing with our chapter, however **you MUST be a member of the EAA in Oshkosh, Wisconsin**. It is your responsibility to ensure this AND WE WILL ENFORCE THIS REQUIREMENT.

Go to www.eaa.org to join.

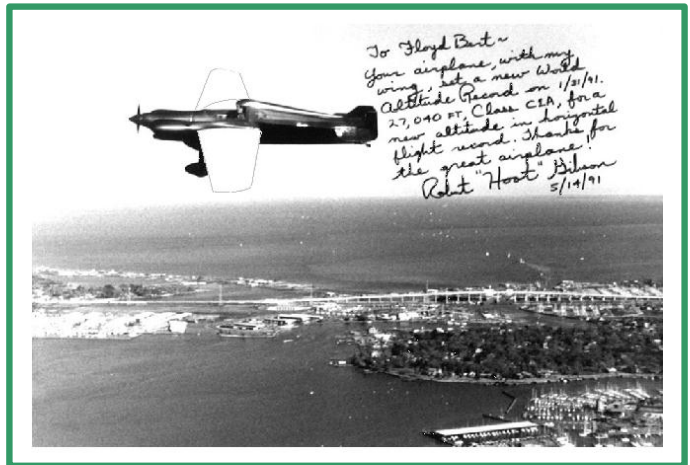
Floyd... continued

Floyd Bert's hangar at Finleyville Airport was always open to visitors. He also had a hand in dozens of other homebuilt projects, building wings, welding fuselages, and helping a bunch of people to get their airplanes completed.

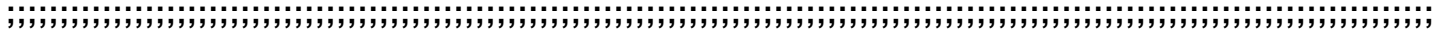
Picture below of Floyd, standing beside one of his Pitts-variants, holding a picture of a NASA shuttle crew, captained by Hoot Gibson, and signed by all of them. Floyd was really proud of that picture. Hoot built a set of modified, high lift wings that allowed him to set several altitude and time-to-climb records with that airplane.



On the picture is written:
"To Floyd Bert – your airplane with my wing, set a new World Altitude Record on 1/31/91. 27,040 ft. Class C1A, for a new altitude in horizontal flight record. Thanks for the great airplane! Robert "Hoot" Gibson 5/14/91"



At left, Flight Commander Hoot (center) and his shuttle crew in 1991. The message says, "To Floyd, My other 'airplane' needs special clothes! Best Wishes, Hoot Gibson"



Chapter Project: The LEGAL EAGLE Ultralight at the Chapter Hangar at Rostraver

In addition, we do work on other fun projects; we try to make it "hands on".

Tentative Week night meetings schedule, 7:00PM to 9:30PM

Tentatively February 28th *** (Monday Evenings); March 14th & 28th

E-mail Jack if you want an update at hangarb7@yahoo.com **We do cancel for bad weather so e-mail me to find out the status of the meeting !!! E-mail is fine up to about 4:30PM on the day of the meeting. Send it to the hangarb7 address below...**

Jack Dernorsek hangarb7 @ yahoo.com

Minutes from the 01/14/2011 Chapter 45 Board Of Directors Meeting Scribe: John Handis

Note: This meeting was hosted by the Rob and Karen Rossi at their beautiful home in the South Hills, and was not at the usual hangar/meeting room location at FWQ.

The January 2011 EAA Chapter 45 Board of Directors Meeting (BOD) Meeting was called to order at 20:15 hours (8:15 PM) EST by President Clark Irwin. BOD Members present included Clark Irwin, Fran Hicks, Don Coester, Paul Jencka, Diana Collier, John Warren, Richard Seman, Jack Dernorsek, John Handis, Ernie Romito, Gary Jasper, Rudy Vogelsberger, John Mateka, Ernie Lanyi, & Rob Rossi.

[Note: You Must sign in to be recorded as attended.]

Old Business:

- Clark read the previous meeting minutes from the October Meeting.
- Monthly Meetings – Tentative calendar for 2011 meeting content was determined. While technically new business, the calendar is kept in this section for consistency.
 - While only trying to plan out 2-3 months of activities, we ended up hashing out a tentative calendar for almost the entire year.

Jan --- Jack Denorsek --- **TBD.**

Feb --- Clark Irwin --- **TBD.**

Mar --- Tentative --- **Spring Social.**

Apr --- Don Coester --- **Speaker: Harry Garhardt.**

May --- Fran Hicks --- **Project Update.**

Jun --- Rudy Vogelsberger --- **Project Update.**

Jul --- BOD Only --- **EAA Convention**

Aug --- BOD Only --- **Ch. 45 Picnic & Hangar Cleanup.**

Sep --- Gary Jasper --- **Topic to be determined**

Oct --- TBD --- **Modelers AMA 546 Giant Helicopter?**

Nov --- Dinner Meeting --- **Elections, including VP.**

Dec --- BOD Only --- **Holidays**

- Corrections to November 2011 minutes.
 - John Mateka (not John Warren) shot the pictures/video of AMA 546 Helicopter show, Oct 9.
 - Elections – John Warren is our new Vice President. His candidacy was omitted from the November minutes.
- Ford Tri-Motor:
 - On the short list for 2011. Not official, yet.
 - NOTE: Since this meeting took place, Tri-Motor status has changed. Will be further discussed in next month's meeting minutes.-JWH
- Heating oil.
 - Everybody's paid.
 - Tank locked – Key is on side of furnace, with the furnace instructions.
- Chapter Bylaws:
 - We are all growing beards awaiting Bylaw guidelines from National EAA.
 - Some information that has trickled down suggests that we should keep better documentation of the general meeting minutes.
 - | File the attendance. * Keep a few notes.

BD-4.

- Ernie occasionally receives calls – mostly stupid questions.
- Iowa contact dried up.
- Richard Seaman will check with Steve on Barnstormers.
 - | Barnstormers had Rich's phone number wrong.
- New vacuum cleaner.
 - Don was paid.
- November Dinner Meeting.
 - Well attended.
 - All ate well.
- Cub Scouts Cancelled.
 - Paul reported that they rescheduled for the 26th.
 - Clark – Be sure to do a sales pitch to the parents to get new members. Parents will be coming to the open house with the troop.

Next Meeting, February 18th
7:30 PM at the chapter
hangar. Jack and the LE
Workshop team will show a
demonstration of a device to
compare aeronautical drag
of different shapes.

Treasurer's Report:

- The treasurer was busy this month, presenting 3 months of reports (October through December), and an end-of-year (EOY) expense summary.
- Don Motioned to accept the reports, Ernie seconded, unanimous favorable vote.

New Business:

- Vanguard Account
 - Need a Secretary to sign the signature card.

Meeting Minutes, Continued...

- Bring it up at general meeting.
- Bus trip to OSH is back.
- Aviation Library
 - Don Coester – Friend passed away, and friend's wife wants to donate books to chapter.
 - 3 bookcases full, but we only get the books, not the bookcases.
 - Hardback books.
 - A lively discussion ensued.
 - | Could spur interest for young eagles.
 - | No physical location for Library. This point lead to a description of the history of trying to start a chapter library in the past.
 - Chapter already has some books. They are kept in the back of the hangar.
 - | Don has 3 bookcases we could use.
 - | Don volunteered to be Librarian and to check/catalog inventory.
- Hangar Windows.
 - Richard Seaman mentioned the “deplorable windows” in the hangar, and his efforts to cover them with clear plastic to keep the air out.
 - It was suggested that maybe we should just block the windows off completely, and wall them up. Richard stated that the natural light that they permit during the day is a good thing, and walling them off would not be a wise idea.
 - Rob asked if we could try replacing the windows with glass block.
 - Dave Charletta (the aerobatic speaker from last September's general meeting speaking program) owns a window factory – he may be able to get us a discount.

Fran believes he may be able to score some free glass block. The issue then becomes who is going to lay the block.

* Rudy Vogelsberger brought up a question as our Membership Director: 15 members are delinquent in their 2010 dues. Rudy does not even recognize the names of 10 of them. Can he just drop them off of our membership roster?

- Jack pointed out that EAA National is very particular about the number of “members in good standing” a chapter has.
- Clark pointed out that EAA National doesn't appear too concerned about that, this year.

Gary Jasper motioned to adjourn. Ernie Romito seconded. Unanimous favorable vote taken, and the meeting adjourned 21:16 hours (09:16 PM), EST.

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An e-mail forward to your editor from Marty Fao:

“If you remember, the Russians built a space shuttle similar to ours about 20 years ago. It only flew one time (unmanned) and they scrapped the whole thing. This website has some recent photos of the abandoned launchpad for it - I thought they were interesting. “

<http://drugoi.livejournal.com/3259344.html>

FASCINATING! Note the picture of the instrument panel!

And From Lew Marascalco of the Mon Valley RC Club

Here is link to an amazing flying machine called a "hexacopter" (6 rotors) versus the previous quadcopters (4 rotors). This video was out several months ago but if you have not seen it, it is awesome. By now I am sure this one has been improved to even more capability. Feel free to pass on to EAA members who may be interested for their viewing pleasure.

Regards, Lew <http://hexacopters.com/>



Big note here: If you are visiting the chapter for a meeting or work party, or inviting someone from outside the chapter, be sure to tell them to park in the Eagles Landing parking lot, then walk thru the gate at the ramp in front of the restaurant. THERE IS NOW A LOCK THERE AND THE COMBINATION IS 0122. (keep it under yer hat).

Shop Tips # 48 Various Ideas by Jack Dernorsek



Well, maybe this should be just “Tips” because there are several here and not all for the shop.

The first is, “What would Jack do with that left over pizza?”

If you are like me, reheating left over pizza in the microwave just doesn’t satisfy. It comes out hot, whimpy, the cheese is melted down over the sides and the crust is soggy.... Or perhaps you have tried reheating in the toaster oven. This takes quite a while if you don’t want to burn the top and then again, by the time the cold pizza is reheated through, the cheese again is melted down off the piece and the crust is still soggy, unless you burned it.

OK, here is what Jack does. Pull out a black iron skillet, add a shot of cooking spray, and preheat the skillet until it is beyond warm but not hot. Preheat the pizza for about 15 seconds max in the microwave, Lay the pizza slices in the skillet and cook slowly over a medium heat. You can control the process by overseeing the heating thereby preventing overcooking, but the result is pizza that you will swear tastes and feels just like it was first made! Don’t let the heat get too high as it will definitely burn the bottom. Move the pieces around in the skillet to prevent burning. It takes time, but worth it.



Saw this one on the Jay Leno Garage website: For sanding inside tight small round areas, like the inside of a pipe or a drilled hole, take a large Cotter Pin, slip a strip of sandpaper between the “legs” then chuck it in your drill. The flapping paper will sand or polish the inside neatly. You will have to experiment to get the direction of spin proper (i.e. which side of the paper doing the sanding) or reverse the drill rotation.

Finally, if you have ever used the spray foam insulation that sprays out of can, you know that for about \$5 a can, you had better be sure you can use it all or have several uses in reserve, or the material will harden in the nozzle and make the remainder of the material in the can useless. I tried something recently and it works well.

The urethane foam is an air hardening catalyst type of material. Once air touches it, it starts to harden, and typically the application tube gets clogged AND the can valve gets cemented shut. According to the instructions and warnings on the can (and I have confirmed this) there is no solvent that will soften the hardened material.

But immediately after use, I unscrew the tubing applicator and place both the can and the tube into the freezer. Keep them there until the next use. Then when needed, take the can out and let it warm up for about fifteen minutes in room temperature, and take the tube applicator and slip a long aircraft drill down inside it to break up the semi-hardened foam bubbles... the cold temperature seems to inhibit the foam from completely hardening in the tube. You won’t be able to completely clear the tube, but you will get a path through it that will allow it to pass more liquid. I have used the same can over several months, four times so far. The brand I happened to have is Great Stuff.



And now, scenes from next weeks show...

(Just kidding. See you at the meeting on February 18th)