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# EAA Chapter 32 News

The official publication of Experimental Aircraft Association Chapter 32 - St. Louis, MO (Jim Bower, Editor)

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**April, 2012**

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## What's made out of wood, fabric, steel, and flies?



*Willie's Wingless Wooden Wonder is wingless no more (but it's still wooden). Our very own mr. bill is ready to fly this fine example of multi-material wonder, and he won't even have to call for a push-back. (The flies will come later.) See the story inside this issue.*

**We're looking for YOU at the EAA Chapter 32 meeting this month! Be at the ARC at 10:00 am on April 21, 2012.**

# March Meeting Minutes

Jim Bower (for Dave Deweese)

President Dave Doherty, presiding...Happy St. Patrick's Day!

- Pledge of Allegiance
- February meeting minutes accepted
- Treasurer's Report
- Welcome new members, returning members, and visitors

## Old Business

- Flagpole light - status. Several options were discussed (solar powered; hard-wired). Hard wiring was deemed to be more practical from the standpoint of it will stay on all night.
- Pictures of chapter members to be mounted on wall - Start taking pictures in spring (probably April).
- No real progress on improving the ramp between our hangar door and the gate. Will probably buy crushed rock and have a working party to spread and level it. Also, the gate to the taxiway needs improvement.
- March 5 - Career Fair at Parkway High School. Participants were Dave Doherty, Jeff Stephenson, Jim Hann, Bill Doherty, and a friend of Bill (corporate pilot).
- Status of possible building of kit plane with High school district - Parks has offered to help sponsor project
- Status on Update of Chapter By-Laws - The committee will meet again on Wednesday April 18.

## New Business

- Roster - was to have been available at the March meeting but was not yet ready. It will be available in the website's members only section in .pdf format for download. Limited copies will be provided in the ARC for pickup early next week. Send an e-mail to [president@eaa32.org](mailto:president@eaa32.org) to get a copy e-mailed to you.
- Don Doherty volunteered to spearhead the Sonera II work crew. The airplane needs to be restored as a teaching tool. Some ideas were presented (plexiglas panels and interior lighting to facilitate viewing the working parts).
- The Young Eagles planning meeting will be on Saturday March 24 - BBQ included. Mr. Bill will be making Chicago style hotdogs.
- The first Movie at the ARC of 2012 will be Catch-22 - Saturday March 31. Potluck dinner starts at 6:00 pm (bring a side dish). President Dave promised steaks.

## Future meetings and events:

- April - Women with Wings - St. Louis Chapter of Women in Aviation - Airplane wash in April at Mt. Vernon airport. Stay tuned to the Yahoo and EAA32 websites.
- May - Guest speaker: Air-to-Air Photography
- June - Fly-in Open House - Set up Committee
- July - 4th Fundraiser - Parade
- Prep for AirVenture at the July meeting
- August - Fly-out / meeting at Silver Creek Glider Club
- ARC Cleanup - Begin now...we need to get it done by the first YE day (April 14)
  - Scrape gutters
  - Clean and wash inside areas
  - Flagpole light
  - Ramp to ARC -
  - Gate at fence - update

## Safety Tip of the Month

Spring is here and more people will be flying, and perhaps for the first time since winter. Albeit a mild winter!

Preflight takes on a very important aspect as the plane has been sitting for awhile. Insure that there are no "critters," dead or alive under the cowling or nests of any kind in the pitot or static line. The oil is at the correct level. Tires have sufficient pressure. Is your transponder current if applicable? Has your ELT battery date expired? VOR check completed, as well as the current GPS software, especially for IMC flight?

Ensure that any and all gust locks are removed or disconnected, before flight.

Look in the engine compartment and tighten up any lines if required, especially the fuel and oil lines.

These are just a few reminders that will keep you safe.

# Join the Yahoo Board Today

If you are not already a visitor to the Yahoo discussion board, you should be. It's a great place to start or participate in a discussion about our chapter, the EAA, or aviation in general. (We do try to keep away from politics or things not related to aviation.) Log on to the chapter's website at [www.eaa32.org](http://www.eaa32.org) and look on the left side of the page for the big Yahoo Groups button. Click the button and just follow the screen prompts. You will have the option to get e-mail notifications of discussions, too.

For Chapter 32 news  
and information:



## Calling All Veterans

Dave McGougan wants to hear from all Chapter 32 members who are veterans of any branch of the Armed Forces. He is looking at compiling a book of stories/adventures/misadventures. If you would be interested in participating contact Dave at:

[pilotdwm@sbcglobal.net](mailto:pilotdwm@sbcglobal.net)

## Notes from Don

- We are hoping to set up a fabric covering seminar or classes later this year. Due to material cost and preparation items we may have to charge a small fee to cover items such as frames to cover and materials. I would like to keep this no more than \$20-\$30 for members. It should include basic covering as well as rib stitching. Fellow chapter members will teach this. How many people would be interested?
- We have a number of members who are proficient at MIG and to some degree TIG welding. Please contact Don Doherty on helping with other members learning to weld.
- Volunteers are needed to help grass cutting once a month. During active growing season the grass needs to be cut once a week. During the dry season this sometimes drops to every two to three weeks. Volunteers need to be checked out on the mower. Cutting time takes about 1.5-2 hrs. Right now we have 2 or three people and need a couple more that are reliable. I would like to spend some of my weekends flying instead of cutting the ARC grass.

Don Doherty



Fellow Chapter Members  
and friends of General  
Aviation,

# President's Corner

by Dave Doherty

going to take some volunteer work. A committee has been formed, and we'll track progress from month to month. It shouldn't take too much effort to get this job done. A light has been installed for our flagpole, and it is fully functional. The light is run on a timer, and will be on from dusk till dawn so we can display our flag at night.

March kicked off our "Movie at the ARC" season with the 1970's classic "CATCH-22". We had good attendance. Several of our CAF friends attended and provided some insight about the B-25 that was a key player in the movie. For dinner, we had lean pork tip steaks, hot dogs, brats, and a variety of side dishes. Whoever brought the Key Lime Pie, it was great! Thanks to everyone who came. I think we all had a great time. The weather was perfect, company great, and the movie, well let's say the movie was interesting. In April, the "Movie at the ARC" will be "THE BLUE MAX" starring George Peppard and Ursula Andress. It'll be on April 29. See elsewhere in this newsletter for all the particulars.

Our April meeting will be preparation for upcoming events followed by a presentation from Women In Aviation, the local chapter of the Women With Wings organization. Their group will be having a fundraiser airplane wash on June 2 of this year at Mt. Vernon airport (KMN). We'll be hearing more about that soon.

The next meeting for the By-Laws committee will be Wednesday, April 18 at the ARC, 7:00 PM. The main focus of this meeting will be to assemble all the parts we've worked on into a draft version for chapter review.

The Sonerei II is now in the ARC. Don Doherty is forming a committee to refurbish the plane into a teaching aid. To get involved, please get in touch with him.

May 19 is the date of the CAF Classic Cars and Warbirds event. Chapter 32 has signed on to provide food and refreshments starting at noon. It is one of our fundraisers. We'll need volunteers after the meeting to help.

EAA 32 has signed on for a food booth at the O'Fallon 4th of July Fair and Heritage Fest. This event has turned out to be a lucrative fundraiser. We'll be needing help again.

Our chapter is healthy and going strong. Our Young Eagles program starts April 14, and we expect a good turnout. As always, volunteers are needed for all aspects of this program. Last month, Mr. Bill held an organizational meeting for volunteers. He went over the general set-up of how the events are run as well as the importance of each position that takes part. We were also treated to Chicago style hot dogs as a gesture of appreciation to the group. The dogs were very good. Thank you Bill, for all your efforts. Our Young Eagle flights will be held this year on the second Saturday of each month through September 8. See the EAA32 website for more details. If possible, come out and volunteer for these events. In June, EAA CEO and fellow chapter member Rod Hightower will attend our rally (with his Stearman, we hope). We're all looking forward to seeing him again.

EAA and AOPA have teamed up and made a formal request to the FAA to make changes to the requirements for the FAA to have a medical exemption from 14CFR Part 61. This pertains to the medical requirements for airmen. The text of the request is 41 pages. I urge everyone to read it carefully. It's officially known as Docket no. FAA-2012-0350-0001. It is available online at:

[www.regulations.gov/#!documentDetail;D=FAA-2012-0350-0001](http://www.regulations.gov/#!documentDetail;D=FAA-2012-0350-0001)

Text of the document can be downloaded and viewed. EAA and Chapter 32 urge our members to review this document, and provide comments to the FAA. EAA has issued a guide to assist aviators when making their comments on the exemption request. That guide can be found on-line at:

[www.eaa.org/news/2012/2012-03-29\\_exemption.pdf](http://www.eaa.org/news/2012/2012-03-29_exemption.pdf)

Additional data can also be found on the EAA website. Please become familiar with this request and offer comments; I have. If accepted, it will have a large favorable impact on General Aviation, and safety.

Last month we started our spring cleaning. The front gutter has had much of the loose paint scraped off, and this chore needs to be finished. Paint for the building has been purchased. We're getting close to a start on the surface from the hangar door to the ramp. This is



I appreciate all the effort and time from our members to keep our chapter strong. It's important to present General Aviation to the public in a proper manner. We do that well, and are starting to be known again as a respected source in the area. Let's keep it up. On the way, we've also had a lot of fun.

There will be copies of the official 2012 Chapter 32 Roster at the April meeting. They will also be available to download for those who wish to save paper.

Thanks to all for keeping our chapter one of the best in the area.

*Dave Doherty*

## Super Hornet For Sale

"Super Hornet". They were made in Ramona CA but the company has gone out of business because of the economy. They let me build the plane myself in the factory with their equipment and help. I flew it from CA to KSET. It cruises at 110 mph with over 3 hrs of fuel on board and can hold a 492 pound payload with full tanks (600 lb useful load). It has a lot of extras and would have cost over \$70,000.00 if made in the factory in 2007. I'm asking \$30,000.00. Some of its equipment:

- SUPER HORNET E-LSA
- 100 hp Rotax 912s
- Two 9 gal fuel tanks (18 gal total)
- Electric pitch trim on both front and back sticks
- Two storage areas
- Two GPSs
- Alt + AS both front and back
- Hot mike intercom
- VHF radio (ptt on sticks)
- Mode C transponder
- Position and strobe lights
- Side doors
- Extra large tundra tires
- Deluxe seat covers
- Electric flaps
- BRS chute
- EISI

I can be contacted at 314-265-6123 or at [jeffmckee@earthlink.net](mailto:jeffmckee@earthlink.net)

Jeff McKee



# Learning As We Go

## ***“Mr. Designated Airworthiness Examiner, I Present to you This Airplane, my Volksplane II.”***

by mr. bill

Many people have been writing in the Volksplane builders Yahoo group about how long it takes to build a VP I and how much it costs. The responses are varied. Sad thing is the original designer and builder, Mr. William “Bud” Evans built the airframe in SIX months. The story goes that back in 1969, Mrs. Evans (wife of “Bud”) told him that he would not be sitting on his butt

All in all it has been a GREAT experience. It was supposed to be a learning experience and it truly was. I learned how long things can take and how frustrating certain aspects can be. I still, after days of removing, replacing, cleaning, adjusting, etc., cannot get my right brake line to hold the brake fluid. I will now install the brake fitting in the housing with an aviation gasket sealant and hope that helps. Also I have started to plan

all night watching that silly one eyed monster, the idiot box called a television. He had better DO something productive! So he put down on paper his design of a simple wooden airplane, the Volksplane I (one). I wonder how many channels they had back in the day? A good friend, C. A. Aker did a Volkswagen engine conversion for the Volksplane

fuselage in the same amount of time. Though hundreds of planes were built and flown and thousands of plans were sold, Mr. Evans wrote he never made a lot of money selling the plans but he made a whole bunch of new friends all over the world.

Well now I present to the world, and the Designated Airworthiness Representative (DAR), this fine flying machine. As we often say, this airplane is not FINISHED because there is ALWAYS something to do or update. Heck this machine only has a rubber band to hold down the navigation system which is my current St. Louis TAC (Terminal Area Chart). I will have to “upload” the St. Louis and Chicago sectional charts later for any cross country flying.



out the new aluminum fuel tank. The pre-molded fiberglass fuel tank (with a lip for the windshield attachment) that was available for the builders in the 1980's is showing its age. Plus, with the talk of 100 Low Lead fuel going away I will need to have an aluminum tank for the ethanol additive in the fuel. New situation!

The present fuel tank holds the windshield and is mounted to the forward fuselage. New solution, hopefully! I plan to cut the bottom out of the current fiberglass tank out and make an aluminum fuel tank that will slide inside the old fiberglass one so as not to change the WHOLE set up. You see those are the little things in the building process that turn into BIG things that can be a bit challenging. Did I state that right? I could have said this is really going to be a pain in the arse!

I have heard the newsletter editor state that if he buys plans for another aero machine to hit him upside the head with a big rivet squeezer. Heck, that hit in the head must have been the reason for starting the project in the first place!

Well as we say in the Volksplane group, keep making sawdust. The project will be done soon!

MOVIE AT THE ARC  
EAA Chapter 32  
Proudly Presents for April  
**The Blue MAX**

**Starring**

**George Peppard, Ursula Andress, James Mason, Jeremy Kemp**



**Released in 1969, this is a story about a foot soldier who becomes an aviator in the Great War, and goes on to win the coveted Blue Max medal.**

**Follow his exploits on the big screen! Enjoy the flying scenes! See if he survives.**

**Location:**

**EAA Chapter 32 Aviation Resource Facility  
St. Charles County Airport (Smartt Field)  
1610 Grafton Ferry Rd, St. Charles, Mo.**

**Date & Time:**

**Saturday, April 29, 2012  
Pot Luck dinner and social hour – 6:00 PM to 7:00 PM  
Movie starts at or about 7:00 PM.**

**Admission is free.**

**Meat and soda are provided by Chapter 32  
This is a Pot Luck Dinner, bring a side dish.**

**Also, for your own comfort, bring a comfy chair. The steel fold-ups get uncomfortable after a while.**





Check out our Fantastic Web Pages at  
**WWW.EAA32.ORG**  
 Laura Million, Web Designer  
 While you're there, take time to join the  
 Yahoo Groups to help you stay abreast of  
 Chapter happenings!

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