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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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**September, 2017**

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**The Van Dellen parasol aircraft (Pella, Iowa). That big round thing is the wing! Thanks to mr. bill for the photo.**

**We will see YOU at the ARC for the September meeting. September 16, 2017 at 10:00 am.**



# President's Corner

by Dave Doherty

Unbelievable as it may seem, summer is quickly coming to an end. We've been fortunate in our area

of the country to have had such good weather. We even had a total eclipse in our region this year. My bride and I had the opportunity to witness it in the Spirits of Aviation Flying Club's RV-12. We saw it at 10,000 ft, somewhere over eastern Kentucky. It was everything we thought it would be and more. When the eclipse reached totality, it became darker than I thought it would. The sun looked just plain weird, but was a sight to behold. I'm sure many in our chapter had similar experiences from the event. On our way back, we landed in Perryville, Mo at about the time when 135 planes that had stopped there for the eclipse were leaving. We managed to slip into the pattern and land between other planes taking off. It was about as busy as Oshkosh during departure day, except without the traffic controllers.

We still have a number of things to accomplish this year. There is one or possibly two more Young Eagle events to do. **The October 14 Rally will NOT BE HELD at SMARTT FIELD!** Instead, it will be located at Creve Coeur Airport (1H0) in conjunction with Vintage Chapter 39 and the Creve Coeur Museum's celebration of their 100 year old planes, a DH4 and Curtiss Jenny. It takes a lot of effort to have a successful event. Chapter 32 has a lot of experience doing these, and has been asked to help them out. Creve Coeur would like to make this open house and Vintage Fly-in a big event in the future. This year will be their first along that path. We assume it will not be a huge event this year, but will grow as the years go by. The more volunteers we get, the better the event. We need pilots, ground crew, safety personnel, food service help, and more. This is an opportunity to give today's youth some exposure to aviation. Come on out and help. You'll feel rewarded (and perhaps a little tired) by the end of the event. It's fun. We'll see you there.

There is a possibility we'll do a Sunday October 28 Young Eagle event. This is the day after our Smartt Field Open House (and SCFS Pumpkin Drop). It's not set in stone as of yet, but will probably happen.

Chapter elections are coming up in a couple months. This year, we'll elect a Chapter Vice-President and Chapter Treasurer to two year terms. For each position, we currently have one person accepting candidacy. They are both incumbents. Nominations for the election are open through the October meeting, at which point they will be closed. The November newsletter will include a proxy ballot for absentee votes. At the election in November, results of the election will be announced, and will be posted in the next newsletter. The term for elected officials starts on January 1 of 2018.

The Holiday and Awards Banquet will be on Dec 9, 2017. MARK YOUR CALENDARS! The event will be at the main terminal building at CREVE COEUR AIRPORT this year. They have a banquet room that will accommodate everyone. We are working on a great guest speaking engagement for the Banquet. I look forward to this event. We'll publish more information in the October newsletter.

Here are some things going on aviation-wise around the area:

**Sep 16** – EAA Chapter 32 meeting, at our Smartt Field Aviation Resource Facility (ARC), 6410 Grafton Rd. Meeting time is 10:00 AM. Any final nominations for Vice-President and Treasurer will be accepted and nominations will be closed for the election. In addition to regular business and discussion, our guest speaker will be Mr. Chris Hinote, President of Flying Fish Aviation, LLC, who will be giving a presentation about a flying club he's forming. The club he's proposing will be using Searays (as in plural), and he's proposing some unique things for pilots with them. You'll want to hear about this as a possibility to do some cool stuff. Chris also would like to join our chapter.

**Sep 16** – Annual CAF Hangar Dance – Enjoy the sounds of big band music from the 1940's, dine and dance inside the big hangar at Smartt Field. This is the CAF's big fundraising event of the year. They do it up right. The music is provided by the local big band "Sentimental Journey", and brings us all back to the days of the 1940's. On addition to the great music, there will be beer, BBQ, a silent auction, costume awards, and much more. Tickets are on sale now. I've been to a number of these, and always had a great time.

Check them out at [www.cafmo.org](http://www.cafmo.org). My wife Cindy and I will see you there!

**Sep 30** – Movie at the ARC – This month's feature film is "A Guy Named Joe". This is a wartime film made in 1943 by MGM, about a reckless bomber pilot who gets himself killed, goes to heaven and comes back as a guardian angel. There are many flying scenes in it. The story line was fairly closely followed in a 1989 remake of the movie titled "ALWAYS" starring Richard Dreyfus. The two films, A Guy Named Joe and Always will be our Movie at the ARC for September and October. Look for an ad elsewhere in this newsletter for more info. As usual, this is a pot-luck social event. Social time starts at around 6:00 PM, with the movie beginning around 7:00. The BBQ meat selection is provided by the chapter, and side dishes come from the attendees. It's great fun. There's only a couple movies left this year, so come on out and have a little fun with us. The BBQ is great, and company is even greater. Location is at the EAA Chapter 32 ARC, 6410 Grafton Ferry Rd, (Smartt Field).

**Oct 14** – EAA Chapter 32 Young Eagles Event – Chapter 32 will be flying Young Eagles on a first come – first served basis (weather permitting). Come help your chapter share the experience of flying with today's youth and tomorrow's leaders. Location is at Creve Coeur Airport (1H0).

**Oct 15** – EAA Vintage Aircraft Chapter 39 meeting at Creve Coeur Airport (1H0) at 1:00 PM.

**October 21** – EAA Chapter 32 meeting, at our Smartt Field Aviation Resource Facility (ARC), 6410 Grafton Rd. Meeting time is 10:00 AM.

We've got a lot of things going on in our chapter. Much of our current activities will be outlined at our meeting. I'm pleased at the participation of our members, and am sure we have the best EAA Chapter in the area. We try to have something for everyone, whether it's building, flying, or just talking about airplanes. Camaraderie is another intangible. It's a good place to have friends who share the same or similar interests. Our members has such a wealth of talent and experience, and I really enjoy being amongst them. If you haven't done it, come on out to our meetings and some events and see for yourself. You'd be surprised how much fun you'll have, and the great friends you'll make.

If you can make it, come to our meeting on Saturday, September 16 at our Aviation Resource Facility located at Smartt Field, 6410 Grafton Ferry Rd, Portage Des Sioux, Mo 63373. We have a lot of fun things going on, and need your help. More details of what's coming up will be announced at our meeting. See you there!

Thanks to all our volunteers who help make EAA Spirit of St. Louis Chapter 32 as great as it is!

*Blue Skies to all,*

*Dave Doherty*



# July Meeting Minutes

Dave Deweese

August's meeting began with the Pledge, Dave Doherty presiding.

July's minutes approves as published in the newsletter.

Don Doherty gave the treasurer's report including

checking and savings account balances.

Andy Allen from Godfrey is visiting: he's a student pilot. He visited before when the club was building the RV-12 and is now interested in joining the chapter.

Rick May reported on last week's Young Eagles' rally. We flew about 46 kids with 5 aircraft. Dave Alsop came from 64 with a v-tail Bonanza, Ron Burnett rented a 172 as both his birds are in the shop. Rick reviewed numbers for the year-to-date, noting this year's 25 for 25 award, as well as the usual credit we get when a pilot hits 10. Don has already flown 52 kids. 183 158 250 195 in 2017 with two events yet to go. If any pilots are interested in becoming more of an Eagles' mentor please let Rick know. Kyle attended the advanced YE academy and camped with the chapter for a couple of nights. Both Nicole and Kyle spent most of last month's event talking with parents and kids.

Nicole was at today's meeting and spoke on the Youth Academy. This year was her first year at Oshkosh and got to hang out with the chapter and explore the grounds. She notes that she got to meet F-22, F-35, and border patrol pilots on Sunday after thing slowed down a little. There was also some classroom time including ground school topics and some workshops: welding, building ribs, and working with fiberglass. Nicole's attending Parks for a degree in Aeronautics, starting this fall, and reports that a Young Eagle flight was one of her early, significant aviation experiences.

Ron Burnett has food cards, see him after the meeting.

We've got an offer of a \$500 for the BD-4 project. Motion made, seconded, and approved to sell the BD-4.

Bob Pratt's RV-6A, now owned by the Six Alpha Flyers, is in progress.

Dave McGougan is going to hold a meeting in the office regarding the Open House, there will also be a meeting regarding the welding class.

See Dave Doherty if you haven't received your new badge or would like to order one.

October 14: antique fly-in ...

The caterer is available 12/9 for the holiday party. Last year we had around 50 so that's our early estimate. We're looking at Creve Coeur airport as a location.

New business: Dave would still like to get "EAA 32" on the roof.

Don and Bill have agreed to run for Vice-President and Treasurer. If anyone's interested in running let Dave know: per our by-laws all candidates will appear in next month's newsletter prior to the election.

John Thayer donated a fiberglass fuselage hull; we'd like to combine this with our current flight simulator to make a really cool simulator for our meetings.

Chris Ward's Zenith 750 project is now underway as he's just closed on his house in Spanish Lake. The wings are done and the fuselage comes next. He'd like to arrange a few workshops for help on that, his goal is to have it ready for Oshkosh next year. Chris works with kids with the Division of Youth Services and notes that there's a lot of interest in aviation among those he works with. He's also thinking about getting an instrument rating.

Dave McGougan's Kitfox is underway, he's waiting for fabric from Wicks to start covering the wings, then the fuselage. His old, bent plane is available for free if anyone wants to haul it away, otherwise he and Don will cut it up.

Oshkosh sent a questionnaire that we'll send to the membership, this will be in next month's newsletter.

This month's movie is High Flight, pot luck barbecue prior.

Ron Burnett won the 50/50, kept back a 20 and donated the balance to the chapter, thanks, Ron.

Bob Crandall, of the Missouri Pilots Association, is this month's speaker.

## MOVIE AT THE ARC THIS MONTH



# *A Guy Named Joe*

When? Saturday, Sep 30, 2017

Where? EAA Chapter 32 Aviation Resource Facility (ARC)

6410 Grafton Ferry Rd (Smartt Field), Portage Des Sioux, Mo (St. Charles County)

This movie was made in 1943, during WWII. It features front line aircraft of the time, and was one of MGM's war time movies. A remake of this movie was made in 1989 titled "ALWAYS".

Here's the story line for A Guy Named Joe: Pete Sandidge is the reckless pilot of a North American B-25 Mitchell bomber flying out of England. He is in love with Women Airforce Service Pilot Dorinda Durston, a civilian pilot ferrying aircraft across the Atlantic. "Nails" Kilpatrick, Pete's commanding officer, first transfers Pete and his crew to a base in Scotland and then offers him a transfer back to America to be a flying instructor. Dorinda has a feeling that Pete's "number is up" and begs him to accept. Pete agrees, but goes out on one last mission with his best friend Al Yackey to check out a German aircraft carrier. Wounded after an attack by an enemy fighter, Pete has his crew bail out before bombing the ship and crashing into the sea.

Pete then finds himself walking in clouds, where he first recognizes an old friend, Dick Rumney. Suddenly becoming uneasy after remembering that Dick went down with his aircraft in a fiery crash, Pete says, "Either I'm dead or I'm crazy." Dick answers, "You're not crazy." Dick ushers Pete to a meeting with "The General", who gives him an assignment. He is to be sent back to Earth, where a year has elapsed, to pass on his experience and knowledge to dilettante Ted Randall at flight school, then in the South Pacific, where Ted is a Lockheed P-38 Lightning fighter pilot. Ted's commanding officer turns out to be Al Yackey.

The situation becomes complicated when Ted meets the still-grieving Dorinda. Al encourages Dorinda to give the young pilot a chance. The pair gradually fall in love; Ted proposes to her and she accepts, much to Pete's jealous dismay.

When Dorinda finds out from Al that Ted has been given an extremely dangerous assignment to destroy the largest Japanese ammunition dump in the Pacific, she steals his aircraft. Pete guides her in completing the mission and returning to the base to Ted's embrace. Pete accepts what must be and walks away, his job done.

## **Cast:**

Spencer Tracy

Irene Dunne

Van Johnson

Ward Bond

James Gleason

Lionel Barrymore

**Release date:** Dec 23, 1943

**Director:** Victor Fleming

**Running time:** 122 minutes



**Pot Luck dinner and social hour – 6:00 PM to 7:00 PM**

**Meat and Soda Provided by Chapter32.**

**This is a Pot Luck Dinner, Bring a side Dish.**

**Movie starts at 7:00 PM.**

**For your own comfort, bring a comfy chair.**

# Learning as we Go

## “Oshkosh Part II and Antique Aircraft Association”



What a summer of flying, fun, and fly ins. Oshkosh was definitely a home run this year. Attendance was up 12% from last year. The show aircraft were up over last year. The “diehard EAA’ers” filled the place Friday night. The locals come out Friday thru Sunday so that kept the numbers up for the week. Speaking of numbers EAA membership is over 200,000!

More EXPERIMENTAL aircraft purchased (1,000 so far this year) compared to the 800 total combined aircraft of Cessna, Piper, and Beech.

The Additional Pilot Program has been flawless so far and the FAA has noticed. One thing occurring on these First Flight is that a lot of distraction is occurring with all the fancy bells and whistles going off from “warning devices” DISTRACTING the first flight pilots. The FAA is asking that the pilots focus on the flying and not the aural warnings that have probably not been properly set yet.

EAA is working on a request to increase the 1320 pound max weight to possibly increased to 1700 pounds.

I was in Seattle last month to assist with the Additional Pilot Program with this RV-12. What a quality built aircraft that flew as great as it looked.

The builder was out of the “flying business” for the two years but his excellent skills came back quickly with this wonderful machine.

Some new flight programs called “Cloud Ahoy” which tracks your First Flight data so you can fly and a computer watches the data for you. Check it out on YouTube.

Had a chance to visit the AAA Antique Aircraft Association in Blakesburg, Iowa is past weekend. What a nice old fashion gathering of some old flying machines there. NICE!



**The old Plank II (yellow) with the Parasol wing of the Van Dellen Parasol aircraft of Pella, Iowa.**

Q? What is the longest flight by U.S. Airliner today?

A: San Fran to Singapore 8,467 miles by UAL in a Boeing 787-9 Dreamliner, 16 hours and 25 minutes.

BUT...The new flight from Los Angeles, CA to Singapore is?

17 hours and 55 minutes



**Mr. Urlich and his RV-12**



# Dave McGougan's Kitfox Project

Dave's Kitfox project is proceeding nicely. Here are some fairly recent photos. In his own words: "The Kitfox is awaiting fabric. Wicks ordered what I need, but the manufacturer is down. They are hoping to have it in by next week sometime, if we are lucky. I have removed the flaperons and can do a little cosmetics to them while I am waiting, but a bigger problem may slow me down more. I have an appointment tomorrow with a knee surgeon.....I may be down awhile."



**Flaperon Adjustment**

# Safety Tip of the Month

## Lycoming Safety Issue

Joe Miano

Checking my mailbox a couple of weeks ago, I came across a letter from the Cessna Aircraft Company. Was it a belated letter of appreciation for my factory built preowned aircraft? I don't think so. Anytime an aircraft owner receives a letter from the manufacturer, it usually involves \$\$\$\$\$. This letter was no exception and addresses a very serious Lycoming engine issue. This service bulletin titled #632B from Lycoming includes no less than 32 models of Cessna built aircraft from models 152s up to models 206s. Also included are 15 different models of Beechcraft airplanes as well.



After reading the 20 page service bulletin that you can download for free, there are approximately 25 different models of Lycoming engines affected. They range from the four cylinder 0-235 up to the large eight cylinder 10-720 engines. The last eleven pages of the 632B service

bulletin will list the effectivity of the engine sizes and serial numbers for the defective powerplants.

The Lycoming service bulletin alerts the owner/operator of the possibility of a defective connecting rod bearing that holds the piston wrist pin in place. Failure of these defective bearings can result in the connecting rod to vibrate or start knocking until complete loss of engine power and engine failure resulting in a forced landing. Compliance of this service bulletin is mandatory and must be completed within the next 10 flight hours of any affected engine. This was dated July 26, 2017 from the factory with some model aircraft that can possibly be affected dating back as far as 1996.

If you are flying with a Lycoming powerplant or use any rental aircraft with Lycoming engines, please check with the owner/renter for compliance of this service bulletin. You can download the Lycoming service bulletin for free on your computer or I-pad. You must look on the engine data plate attached to the powerplant for the serial number to see if it is listed in the last pages of the service bulletin of the affected engines. I believe that a lot of our members in our chapter rent or fly Cessna aircraft, so a quick run down of the different aircraft affected include: C-152, A152, F152, FA152, 172I, 172K, 172L, F172L, 172M, D172M, 172N, F172N, 172P, F172P, 172RG, 172Q, 177, 177A, 177B, 177RG, F177RG, R182, FR182, T182, and TR182.

Also included are: Cessna 1996 & on: 172R, 172S, 182S, 182T, T182T, 206H, and T206H.

Engine Effectivity Include: 0-235, all 320 Series, all 360 Series, all 540 Series, some 580 and IO 720.

Be sure to check the engine serial numbers of the affected engines in the 632B download from Lycoming.

My 2000 Skylane with the IO-540 engine dodged this bullet after a serial number check with the service bulletin. Good luck with your engine checks and fly safely.

*Joe Miano*

*Safety Officer*



# Jim Davis' Zenith 650 Taildragger Project

I've been making good progress on my Zenith 650 tailwheel project. I started in February this year. I have the rudder and tail section completed. I have both wings completed and I've started on the fuselage. The fuselage is going a little slower right now because it takes a little more time to incorporate the tailwheel mods with the standard plans.



# Antique Fly in at Blakesburg

by Ron Burnett

Had the pleasure of leaving phase one testing and flying my RV-6A to IA27 with a fuel stop at Capt. Ben Smith Monroe City Airport. Last year I came to fully appreciate this airport when I had a fouled plug in my Luscombe and Del helped me by exchanging a clean plug for mine. Ruth offers great fuel service, \$3.89/gal. last week and takes your photo with your plane which she prints and displays of all the planes stopping. She showed it to me on my return.

I circled Antique Airfield twice, no radios allowed, dropped to 1800 feet pattern altitude, slowed below 103 and landed N. Lots of spectators there so try to make it good. Was ushered to the row of shame, with a couple other home builds, tied her down, paid my camping fee of \$75, and enjoyed a late HyVee catered lunch. Most planes are from the 20s, 30s or 40s, lots of radials, planes you have seen featured in old movies, and just plain, or plane, relaxing fun. Late night movie, Dive Bombers with Fred McMurray and Errol Flynn. A chilly walk to my tent where I rejoiced that I had my winter sleeping bag.

Two days later I get 15.9 gallons of fuel at Monroe City for 1:45 up and back flight time on my newly rebuilt Lycoming O360. Four years of difficult work changing over from the blown piston on my Subaru, but finally paying off.

*Blue skies,  
Ron Burnett*





# List of Nominees for 2017 Chapter 32 election

As per the Chapter 32 By-laws, a List of Nominees must be included in the September newsletter or sent by mail for the election to be official. Below is the official List of Nominees for election of officers. For 2017, Chapter Vice-President and Chapter Treasurer are to be elected. The List of Nominees below is the official list for election of officers at the November Regular Chapter 32 meeting. At the end of the September Regular Chapter Meeting, nominations will be closed. Until then, additional Nominees may be nominated.

## Chapter 32 Officer Election - Official List of Nominees - 2017

Vice-President: ☐ William Doherty

Treasurer: ☐ Don Doherty

Write in Name: ☐ \_\_\_\_\_

Write in Name: ☐ \_\_\_\_\_





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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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