



# EAA Chapter 32 News

Jim Bower, Editor



**September, 2010**

**Come to the meeting on Saturday, September 18 at 10:00 am. See inside for program details.**



## **Troy Airpark New Runway Dinner**

3.3 acre grass lot .....	\$40,000
Riding lawnmower to cut grass.....	\$400
Gas to taxi to the lot.....	\$4
Having your airpark mates over for the new runway dinner.....	PRICELESS!

# August Meeting Minutes

Dave Deweese

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

We began with approval of last month's posted minutes. We moved, seconded, and approved the minutes.

John Whittier visited this month. He's a second generation EAA member, his father was #1235. He's looking help with a small 4130 welding job.

Don gave the treasurer's report, reporting checking and savings account balances. The figures did not include the check for our share of the B-17 event. Dave is still working on the final figure for the July 4 event.

Moving forward with the clean water project, we need a committee for digging a trench. We need volunteers, and hope to start before the cold weather moves in. We'll rent a trencher for the project.

Per Dave McGougan's specifications, Don Doherty ordered the necessary items for our flagpole project and they have arrived. We had originally thought about locating our new flag near the sign since lights are already installed. These are low voltage lights, so a spot closer to the building may allow us to use more powerful illumination. Borrowing or renting a powered post hole digger is our next step. Dave would like to get the flagpole raised before our open house on September 25.

Although not yet deposited, Dave Doherty has received the check from EAA HQ for the B-17 event. Bill believes we are on the schedule for the upcoming year. Next time, however, we'll handle our own publicity. HQ considers our turnout good for a mid-week stop. We have recorded interviews with several veterans that we'll submit to Timeless Voices.

Don got a quote of approximately \$400 for a 220-volt line to power the compressor. He's looking for a second quote, as well the possibility of relocating the compressor and running a line for the air itself.

The Open House will be held September 25 and 26. We need volunteers. Tracy has asked for a variety of aircraft for static display, and we'll also be holding a Young Eagles' event. The Dohertys have requested a list of EAA members in our area and are sending out approximately 900 invitations. If you are free any Saturday between now and then please consider showing up at the ARC at around 9 a.m. to help with some preparatory housecleaning.

Don Doherty plans to offer ARC and TIG welding classes for ten weeks starting October 10, around 9 a.m. This initial course will be free, thanks in part to Don's scrounging ability, but the class will be limited to 4 people. There's room for one or two more if you're interested.

Our holiday party will be held December 4. Rod Hightower, our new national EAA president, will be the speaker. Consideration is being made for an alternative venue: probably the St. Charles Banquet center. A committee will be needed for party planning.

Other events include St. Charles Flying Service's grand opening at KSET, 11 a.m. to 6 p.m. That evening is movie night. This month's feature is "The Aviator".

The next Young Eagles event is September 11, coinciding with the Ozark Silver Swallows reunion.

Central Air Parts in Staunton, IL, will be holding a liquidation sale September 16 starting at 9 a.m. and continuing through the 19th.

## Volunteer Needed

We're looking for a qualified individual to install a 220V line in the ARC to power an air compressor. If you can do this, please contact President Dave.

Chapter 64 is sponsoring a Sport Air Workshop September 17 through 19. The title of the workshop is "Repairman (LSA) Inspection - Airplane".

September 18 is our next meeting, followed by housekeeping. That evening the CAF will hold their annual hangar dance, featuring '40's era dance, costume, and band. After dark they'll start up the B-25 to give everyone a good view of the flames belched forth.

September 25 and 26 is our open house and a Young Eagles event. That evening the movie will be 'The Red Baron'.

October 9 Wicks' is holding a forum from 10 to 4. RSVP to [scottw@wicksaircraft.com](mailto:scottw@wicksaircraft.com) if you're interested in attending.

Congratulations are in order for the Heubbe twins, who won an outstanding workmanship award for their Sonex.

Further congratulations to Bob Talir for the first flight, July 17, of his Flightstar II. He described the first landing as "embarrassing", though eyewitness Gale says all those that followed were beautiful. Bob and wife Nancy employed an interesting strategy for documenting that first flight. Using advisory circular 90-89a as a guide they made two sets of test cards. Bob carried his set on a kneeboard, Nancy had her own set, which she filled in as Bob sent test results over the radio. Bill brought champagne and sparkling grape juice so that all in attendance could toast Bob's successful mission.

Motion was made, and seconded, to adjourn.

*Dave Deweese, Secretary*

# Learning As We Go

## “OSHKOSH 2010 - Part II - The Future”

by mr. bill

After the weather and the puddles dried up on the grounds of Oshkosh AirVenture several new things were revealed for the future of EAA. Up at Pioneer Airport, the grass roots runway north of the EAA museum is home to the Kid Venture area. Kids from 2 to 82 hang out there because that is where the future is for all of us. There are several big hangars and tents that house the many activities that is Kid Venture. One can build a wooden model, a stomp bottle rocket, cruise in an F-15 pedal plane, fly a control line gas powered airplane, or walk thru the updated Kid Venture Flight Education Program. The Kid

Venture Flight Education Program is an opportunity for kids of all ages to spend 90 minutes going through an abbreviated ground school that is set up in the middle of one of the Pioneer Airport Hangars. There are ten tables set up that have the ten basic areas of aviation that the kids can walk thru and glean some basic knowledge of

ground school. Regulations, weather, navigation, human factors, aircraft design, the Air Traffic Control system, weight and balance, aircraft preflight, and the ultimate, two, ASA FAA approved ground training devices, also known as desk top simulators. So the cool part for the last several years is that the young students come thru the program and after completing the ground school areas they finish with a Certified Flight Instructor who provides each student with 18 minutes of flight instruction on the ASA FAA approved flight simulators. The student leaves with a sign off in his/her new ASA Pilot Logbook of the actual flight time!!!

Thanks to Garmin for adding an aircraft panel with the new GPS docking system and a new GPS to show the kids the latest toy in navigation!

This year Mr. Tony, the mechanic from the FAA, designed an Airframe and Powerplant Mechanic Program around the various mechanical applications that were being accomplished in the same building along the walls of the same Pioneer Airport hangar that housed the Kid Venture Flight Education. The future mechanics would come in and get their card listing out the areas of work that needed to be accomplished. Work like attaching wing skins with blind rivets to the donated RV-12 wing. Drilling, deburring, and bucking the rivets for their new metal name tags. Attaching bolt fasteners and clip pins

to secure bolts.

Next, the students replaced a piston, the valves, and the cylinder on the cut-away Continental A-65 engine.

Then there was the real fun task of carving the wooden prop which the kids (and parents) just love. Wood chips everywhere. The Cleveland brake man was there with his portable brake system which contained the spinning wheel and Cessna

brake pedal that the student had to operate. With precut wires the students next had to wire up the electrical system of the Cessna's airplane components; rotating beacon, landing light, and radios. The final test was if the radio would receive the Oshkosh tower.

Well, as a guy who has been there since the start of these programs I was taken aback by the overwhelming interest in the Airframe & Powerplant (A&P) program this year. We had more students complete the A&P program than the Flight program. In fact one day we stayed open 30 minutes longer just so that these future Aviation Professionals could complete their certificates. After going thru the Maintenance program (which took 2.5 to 3.0 hours) the students received a future A&P Mechanics pin and a certificate of work completed that allowed the student to log 2.0 hours toward the 1900 hours required



Cheyenne Brickley (age 12) of South Bend, Indiana, finished the KidVenture Future A&P Program. Pictured with Brickley is Mr. BHI, KidVenture instructor, Rod Hightower, future EAA president, and Dan Majka of EAA.

to obtain the actual Airframe & Powerplant Certificate. How cool is that!!!

Gang, the picture was not about me but I helped to make it happen. Ms. Cheyenne walked in that Monday morning as Kid Venture started and told me that SHE was going to do this program. She grabbed her punch card for all the stations and SHE pressed on. Well, 3 hours later Cheyenne was at the end of the program. The first person to finish the Future Airframe and Powerplant Maintenance program, and the first female to finish the program. I was choked up. From around the corner I could see the future again. It was Rod Hightower, the future President of EAA reviewing the Kid Venture Programs. I had Ms. Cheyenne wait a minute because if all went right Mr. Hightower would be behind her for the picture that we take of the students that complete the program. The photo people were called over and positioned. With a quick "Hello Mr. Hightower, could you please join Ms. Cheyenne for this picture. She is the first student to complete the maintenance program and she is the first female to complete this program!" He quickly stepped up to be in the picture. Two new futures in one place; the new EAA President, and quite possibly a new future Airframe & Powerplant mechanic student.

What a moment! Priceless!!! I would say so! I saw Ms. Cheyenne one more time during Kid Venture and her big smile was still beaming.

I ran into Mr. Hightower several times at the AirVenture....still beaming.

EAA 1387 Troy (MO) Airpark invited Mr. Hightower out for the September meeting. He flew in to Troy Airpark with his Boeing Stearman and his student pilot son. What a great pilot. What a great guy! What a great leader we have for EAA!

Oshkosh 2010 was a great time for the training of future pilots and future mechanics. Congratulations Mr. Hightower on your new position in guiding EAA into the future! Let us know how we can help?

## Stick Welding Classes

Don Doherty is planning on some stick welding classes in October. These will be on Saturdays outside of the meeting. Since we only have one machine participants will be able to schedule time in order to get adequate practice. Materials will be provided. Stick welding is normally given prior to TIG in order to give experience with handling an electrode and is suitable for thicker materials. Don will have more details and a sign up sheet at the next meeting.

# President's Corner

by Dave Doherty

To my friends at Chapter 32, and those who like to fly:

Airventure at Oshkosh has come and gone this year. As nearly everyone knows, it started out very wet and wild. With the soft ground everywhere, they had to close the airport several times due to no place to park the incoming aircraft. The same held true with the campground. As the event progressed through the weekend, things dried out and the show went on.

Our new EAA President, Rod Hightower was announced. VP Bill Doherty and I met him at the annual meeting. He seems to be a good choice to replace Tom Poberezny. He's very chapter oriented, and will do his best to help grow aviation, starting at the grass roots. He intends on visiting as many chapters as possible his first year. On Aug 8, Troy Mo. Chapter 1387 had their monthly meeting, and Rod attended as a guest speaker. Chapter 32 was invited to attend as guests, and made a good showing. Mr. Hightower is currently living in St. Louis, and has a Boeing Stearman based at Creve Coeur Airport (1HO). As a chapter, we all welcome him to the extended family.

The EAA Foundation's B-17, "Aluminum Overcast" came to St. Louis in July. EAA32 had the honor of hosting a tour stop. The CAF brought their Warbirds over to Spirit of St. Louis Airport, and we had quite a nice gathering of Warbirds. A number of WWII veterans came over to see the planes, and we were honored by their presence. We interviewed a group of 5 for over an hour, listening and recording the interview. Thanks to everyone who participated in keeping our nation free. We owe a lot to that great generation, and everyone in our armed forces.

August brought more hot weather, and our editor, Jim Bower brought his project to the ARC for final assembly. I've seen him there starting to put things together. His RV-6A looks nice. He's 95% done, 90% to go. We're all excited to see him at the final stages of construction.

Our flagpole project has been progressing nicely. The work group for planting the flagpole has dug the hole for the base and filled it with concrete. The base continues up a couple feet above ground, and there's a hole in it to put the flagpole and fill the surrounding void with sand (per plan). The pole should be in place with our flag flying proudly by the time we next meet.

Events coming up:

September 11 – Young Eagles event with the Ozark Silver Swallows organization at Smartt Field (SET). Come out and meet some of the Ozark faithful, and volunteer to help with Young Eagles. Young Eagles flights will be from 9:00 AM to 2:00 PM, weather permitting. There will also be a seminar for the Boy Scouts Aviation Merit Badge and Heritage Girls Aerospace Badge. We need pilots, ground crew, and representatives for EAA Chapter 32.

September 18 – 10:00 AM at the ARC at Smartt Field (SET), regular meeting. Main topic will be getting ready for the open house the following weekend.

September 25-26 – Smartt Field Open House. Young Eagles and displays of what EAA and chapter 32 are all about. St. Louis EAA members will be invited to attend with a mass mailing to members in the St. Louis/St. Charles area. This should be a heavily attended event. We need to display aircraft, projects, and be a big part of the open house. This event is one of our big ones. Please come and help. It's our chance to let other EAA members in the area to see what we're all about (and maybe recruit some new members), and help the airport at the same time.



**EAA 1387 President Pat Donovan (left) and EAA President Rod Hightower in front of Rod's Stearman**

September 25 – Movie night at the ARC: A BBQ pot-luck dinner will precede the movie of the month. September’s feature will be “The Red Baron”. This movie is produced and directed by Germans (in English), and is not a Hollywood production. It was a controversial film in Germany, and had mixed reviews in the U.S. The movie was in theaters for a while in 2008. It’s not very accurate historically, and there are several sub-plots. Guys and gals should both enjoy it.

If you haven’t seen it, come on out. Weather should be cooler this time of the year, and we should be able to enjoy the movie without having the garage doors open. Last month, the open doors also invited the mosquitoes to have a feast during the movie, and they were there in force.

Thanks for participating in our chapter. Let's make it all it can be.



***N41710 For Sale***  
**CULVER CADET LCA 1942**  
**Asking price \$16,000**

Continental C-85  
 Airframe TT 927 Hrs / SMOH 84 Hrs  
 Last Annual June 2006  
 FS 450 Digital FF  
 Electronic Int'l volt/amp meter  
 Artificial Horizon  
 Airspeed Indicator, Altimeter  
 Micro-Air 760 COMM Radio  
 Garmin GTX-320a X-Ponder  
 Cylinder Head Temp Gauge  
 Ameri-King AK-450 ELT  
 Suction Gauge, Oil Temp Gauge  
 Turn & Bank (2 min)  
 Vertical Speed (100 fpm)

**SPECIFICATIONS:**  
 Wing Span 27'  
 Length 17' 8"  
 Height 5' 6"  
 Weight empty 750 lbs  
 Gross weight 1305 lbs  
 Fuel capacity 20 gals  
 Retractable landing gear  
 Maximum speed 140 mph  
 Cruise speed 120 mph  
 Stall speed 45 mph  
 Normal range 600 miles  
 Rate of climb 800 ft/min





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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