



CAA Chapter 32 News

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

May 2014



Spirit of St. Louis Air Show and STEM Expo

Next Chapter 32 Meeting: Saturday May 17th—10am at the ARC

April Meeting Minutes

Dave Deweese



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

We approved last month's minutes.

Dave gave the Treasurer's report, including checking and savings balances.

Michelle Johnson, Brian's wife joined us today. She's also a member of the Troy and Mexico chapter. She and Brian are thinking about a Zenith.

Our last YE event was April 4, including the Sea Cadets. Four planes showed up. We flew about 24 and sent 45 or so away: the winds became too gusty to continue. Rick May gave kudos to the Melugans: all were present and helping out. Taylor and Hunter are going to Air Academy this year.

Last month Joe Sargent brought in the EAA32 signs he fabricated. Dave's looking for a good date to get these installed and proposed next Saturday for a work party, 4/26, at 2:00 p.m. Movie will follow. (6 Days and 7 Nights, bring a dish for pot luck.) Garage doors

and gutter need to be scraped and repainted.

Spirit Air Show and B-17 Tour Stop takes place May 2 through 4. Admission is \$10, volunteers go through the Volunteer Gate and get in free. We need at least 5 volunteers 9am to 5pm, and people for set-up. We'll meet at the ARC 9am on Friday. EAA32 will put on 3 seminars: becoming a pilot, building your own aircraft, and careers in aviation. This is our big event of this year, so we'll need lots of people.

Our next YE event is May 10. We'll be promoting YE at the air show so we'll likely have a good number of kids attending.

Steve Motten passed away recently. He was building an RV-12 and his wife would like to sell it. Fuselage, tail, and wing kits. It's about \$14,000 on the Van's site, she'd like \$12,000 for the kit and sheet metal tools as well, and a good amount of work (over 200 hours) is already complete. Please contact Dave Doherty or Gale Derosier.

Ron Burnett has food coupons.

Matt Vance gave a presentation on autonomous airliners followed the meeting.

SAFETY TIP OF THE MONTH

The FOUR Ss-----

Stalls, slips, skids.....and spins.

All too often when we practice stalls, the instant the plane's controls begin to lose effectiveness, especially the ailerons, we lower the angle of attack and recover. This is prudent if you are low and altitude is minimal. However you need to know the particular aircraft tendencies in a full, "break" stall ! To begin with you need to attain a safe altitude to initiate full stalls. Clear your area, ahead, left and right. Then increase your angle of attack until the plane drops either straight ahead, or to either side. Some have a mundane, gentle loss of altitude or attitude, and others can almost go into a 90 degree bank or close to inverted. You need to know the

inherent tendencies of your aircraft in order to recover. Remember ailerons are normally ineffective in stall recovery. Rudder application is the key... and must be applied opposite to the stall direction, in most aircraft. Be cognizant of a secondary stall when recovering if you increase your angle of attack too much or over control.

IMPORTANT -- NO STALL, NO SPIN !!!!!

Next month;--- forward slips, side slips, skids and spins.

Bob Kraemer



President's Corner

By Dave Doherty

My friends,

Chapter 32 has been very busy over the last month. Our first Young Eagles event of the year was held on April 12. About 75 kids signed up to fly, and we had 3 planes / pilots to fly them. It was a very windy day, and after about 24 were flown, we had to call it a day. Unfortunately, we had to let about 50 go home without getting their flight. We have another Young Eagles day this month on May 10. At least as many kids will be at the airport looking to fly, and we need pilots in a most desperate way. It's very gratifying to fly Young Eagles, so if you are looking to participate, please come out and help. We're looking for volunteers to fly, be a ground crew member, meet and greet people, man the BBQ and help with security.

At our last Chapter 32 meeting, we had a presentation discussing Autonomous Airliners by Mr. Matt Vance. It was an interesting discussion about where passenger aviation might be heading in the not-too-distant future. We also discussed doing some needed updates to our ARC building, and set up a work crew to come out and spruce the place up.

everyone who participated. It was hard work, but I think we all had fun.



There are a couple more things I'd like to do to our building, such as paint EAA32 on the roof so flyers can see who we are, and paint the blue trim on the north & south sides. And I'd like to hang some of our B-17 tour stop banners inside from the rafters.



The work crew came out the following Saturday and installed our blue EAA32 letters and numbers on the front and back of the building. The gutter on the east side was scraped and painted.

We also gave our garage doors the scrape and paint treatment. After all was said and done, the ARC looks much better. I'm very pleased and thankful for the tremendous support given by our volunteers. Thanks to



After the work on the building, it was time for our MOVIE AT THE ARC. BBQ was set up and we saw '6 Days and 7 Nights'. After all that hard work, some of the crew went home, and some stayed for the movie.

Thursday, May 2 saw our EAA B-17 arrive at Spirit Airport to participate in the weekend Air Show and tour stop. There was a media flight to publicize the event on Thursday. Then came preparation for the Air show. Some of our Air Show volunteers came out to the ARC and staged items we were going to bring to the tent set

up for us at the air show grounds. On Friday, we brought it all out and set up for the show. We had enough manpower to get it done and by the end of the day, we were ready for business. Included in our tent



area were St. Charles flying Service, who had a table for their activities, and Zenith Aircraft corporation, who brought a horizontal tail kit and some materials and tools for people to practice riveting pieces together. Our set-up included tables for Young Eagles information, a trailer and pop-up tent for (3) flight simulators, several tables that displayed aircraft components, and additional tables to show off what we do and our members' planes. As you can see in the pictures, we also brought our Sonerai II.

was immediately relieved when I saw all our volunteers were there, and ready to go.

As the grounds filled up, it became apparent this was going to be a great event. The B-17 was selling rides and in the air, other groups were going gangbusters, and we were busy with interested people seeing what we do. This went on through Saturday and Sunday.



The air show program went from 1:00 to about 3:30 PM. Air show performers included Patty Wagstaff, Skip Stewart and Michael Gullian.

Interspersed with the performances were fly-by's by many warbirds, including Boeing B-17, North American B-25, Grumman TBM, North American A-26, North American T-6, Douglas A5 Skyraider, Douglas Dauntless, a brand new F-18G Growler, Hughes AH-1 attack helicopter, UH1 'Huey', and the Blue Angels. It was a great show!

I can't express how proud and pleased I was by our Chapter 32 Volunteers. EAA HQ was also pleased. The schedule called for 3 flights in the morning, then open



St. Charles Flying Service brought an Evektor SportStar to display along with our Sonerai.

Volunteers had been signed up at our April chapter meeting. This was a big event, and we needed two shifts for Saturday and Sunday's air show. Your chapter 32 President was pretty nervous about having enough people to support our activities.

The Spirit Air Show started on Saturday morning. I



the plane for ground tours. Well, the rides were so popular they made 2 additional flights after the air show, and we weren't able to do the ground tours. Rides sold on the B-17 totaled 101 seats for this stop. We all had a great time at this event. It was well worth the time spent, and your Chapter president is very grateful and thankful

ter members. Thanks, St. Charles Flying Service!

Our next meeting is on May 17. We'll be discussing the Spirit Air Show, Young Eagles, and a few other things we're lining up. Meeting time is 10:00 AM at our Aviation Resource Facility (ARC) at St. Charles County Airport (Smartt Field - KSET). Address for the ARC is 1610 Grafton Ferry Rd. Guest Speaker after the regular meeting is Dr. Matt Miriani, who will be discussing Aviation Medical topics. Dr. Matt is also an accomplished pilot who has built a Lancair IV.



to all our volunteers who worked SO HARD to pull it off. Thanks guys & gals!

Our next Young Eagles event is Saturday May 10. We expect a large turnout for this one, as we really promoted the program during the Spirit Air Show. **WE NEED VOLUNTEERS!** To fly, ground crew, cook, and be general ambassadors for General Aviation. There's something for everyone. Please get the word out to our chapter members, and come if at all possible. This is the foundation of our chapter. I know we'll have another fun event. Come on out and enjoy the day with us. We start flying at 9:00 AM till who knows when.



Come out this month to the **MOVIE AT THE ARC!** On May 31, we'll be showing the movie "The Arrow". It's a true story documentary about the Avro Arrow, designed in the 1950's. The Avro Arrow was the most advanced aircraft of its day, and is little known. The movie goes from design to end of the project. See the ad elsewhere in this newsletter. Prior to the movie, there will be a happy hour and pot-luck BBQ at 6:00 PM (bring a dish). Meat will be provided by the chapter. Movie starts at 7:00 PM. Location is at our Aviation Resource Facility, 1610 Grafton Ferry Rd, St. Charles, Mo. or also known as the EAA building at Smartt Field. Come on out and enjoy this fun social event with us.

Lastly, I would like to thank our Chapter 32 membership for the overwhelming support of our members during our past few events. I'm proud of every one of you. We're all having fun and it's been great. This is what our chapter is all about. We're having fun, enjoying aviation, and spreading the word about Sport Aviation. What more could one ask for?



St. Charles Flying Service (SCFS) is offering a 50% fuel discount to our Young Eagle pilots as an incentive for them. Also, I've been informed SCFS is offering our Chapter 32 members a 30 cent per gallon on fuel when not flying Young Eagles. This is a benefit for our chap-

Blue Skies to all,
Dave Doherty

Movie at the ARC – MAY 31

Upcoming feature – This Month!! **THE ARROW**



Where? EAA Chapter 32 Aviation Resource Center, 1610 Grafton Ferry Rd (Smartt Field, aka St. Charles County Airport [KSET])

When? Saturday, May 31, Pot Luck Dinner starts at 6:00 PM. A meat dish will be provided by the Chapter. Bring a side dish.

What Else? Episode I of the SKY KING TV serial will be shown prior to the feature presentation



The true story of how Canada built and destroyed the world's most advanced fighter plane back in the 1950s

The Arrow tells the story of the passion, the betrayal and the players behind the building of the stunning fighter-interceptor jet constructed to defend Canada's vast territory during the Cold War. Cost over-runs, U.S. government intervention and Canadian political agendas grounded the Arrow before it had a fighting chance. a brash young team of designers at Avro Aircraft and their charismatic new president, Crawford Gorden (Dan Aykroyd) accept the RCAF challenge to create a radically advanced jet fighter-interceptor to defend Canada against powerful Soviet nuclear bombers capable of attacking over the North Pole. The Avro team races to break all performance records with the Arrow. But the dream begins to unravel in a dark and tragic tale of political ambition, international espionage, subversion and deceit.



LEARNING AS WE GO

“HANGAR HANGOUTS and SPRING CLEANING!”

mr. bill

Wow, Spring is finally here! What a long and brutal winter. The BIG people are now not saying “Global Warming,” but climate change! These same people want to charge us \$100 dollars for a flight and then wonder why there are no pilots to fly the commuter airline aircraft that are being parked on the ramps at major airports!

With the quick arrival of Spring the turf at the airpark has grown quickly and has taken more time to bring up to snuff. Captain David D. is preparing his RV-8 for the final coat of silver paint and his latest project should be in the air this month.

EAA 32 and EAA 1387 are helping out this very weekend I pen this at the Spirit of St. Louis Airshow guarding the EXPERIMENTAL aircraft, the EAA’s Boeing B-17, and watching the Blue Angels turn kerosene into beautiful noise! Ahh the sound of FREEDOM!

Presently in a remote location near Kenosha, Wisconsin and its airport, my brother-in-law wants to check out the local flight school. So a quick drive into the main airport road finds a Skydive Wisconsin sign over the only friendly door in a row of hangars along the cul-de-sac road. Walking in we find a hangar full of priceless gems. Out popped the Skydive school pilot to tell us the current conditions. “No flight school here, it closed up. None of them have any real business. Plenty of planes, but no students. Nobody’s REALLY into airplanes anymore.”



Ray Kroc’s (McDonald’s Yellow) Cessna 195

A quick history lesson was given of the FLYING T-33 in the back corner and of the Cessna 195 being worked on in the other corner. Some BIG name families had left some cool airplanes around getting them cleaned up and prepared for museums around the country.

Well the event this weekend is a 30th birthday party for the niece....otherwise there would be a road trip up to Oshkosh to check out the Sonex Aircraft Company to gather some info on one of its airplanes. More info on this top secret mission later.



mr. bill and the Willis Wing hang glider in Watertown, WI

Also another spring event is to visit the Wisconsin Hang gliding school in Watertown, WI in order to get back to the basics. The trip last fall was cut short do to high winds and a backlog of flights.

Well back to the Spring cleaning, graduations, and grass cutting. Remember to double check EVERYTHING on you and your air machine before you fly this spring. It has been a long and tough winter and we all need to have a thorough Preflight inspection before flight!

Q? Who was the first female passenger?

A: Madame Hart O. Berg who roped off the bottom of her dress to create a new fashion that was all the **rage** in France.



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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