
EAA Chapter 32 News

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

October, 2015



Did you know there is a TWA museum in Kansas City? Me neither.

**We'll see YOU at the EAA Chapter 32 meeting.
Be at the ARC at 10:00 am on October 17, 2015.**



Friends and fellow aviation enthusiasts,

Now that October's here, we've made it through the simmer (*I think he means SUMMER, but simmer is a good description! - ed.*). Weather is cooler, trees are turning colors and dropping their leaves, and we're not mowing our grass every few days. All in all, it's a great time of the year. When I went flying the other day, I noticed the density altitude in the morning was -700 ft. That's a far cry from the 3,900 ft of a mid-summer hot afternoon. My plane likes the cooler temps. It performs so much better. One thing to be very aware of during the fall is birds. Many species are now migrating to their winter havens. In this area, we should be alert for them flying at any altitude, even as high as 10,000 ft. Last Saturday, I saw flocks made up of hundreds of large white birds, possibly terns or albatross near the Mississippi. At 1,700 ft, we came across a pair of mature bald eagles, presumably settling in the river bottom for the winter. Very majestic, but they'd hurt a lot if hit. We gave them a wide berth once they were spotted. See and avoid is always a good thing to practice.

Recent events at the ARC:

Oct 3 - We had a work day at the ARC. A new hot water heater was installed to replace the old one. Thanks to Bob Murray for doing the plumbing, and Chuck Gorman for helping Bob with wiring a new 220 volt breaker in the box. Also, there was a spigot added under the big washbasin to attach a hose. Thanks to Don for obtaining the parts needed and all who helped get everything installed. Also, the flagpole base was painted. Inside, the cinder block wall was given several coats of white paint, and the doors to the conference room and rest rooms were repainted blue to match the building colors. Thanks to our Young Eagle credits, we obtained a 40" LCD TV. Rick and I mounted it on the newly painted white wall. Everything got its first use the following Saturday at our Young Eagles Rally.

Oct 3-9 - During the days and some nights, the RV-12 Spirits of Aviation Flying Club members worked on the left wing of the RV-12. Gale D. came by and inspected the wing, prior to closing it up with the top skin, and only found one item we needed to correct. By the end of the week, the right wing was nearly complete, as well as the left flaperon. Ron made up a sign with a picture of an RV-12 with the title being HELP US BUILD THIS AIRPLANE and had it ready for the Young Eagles Rally on Oct 10. A number of kids and parents showed a lot of interest, and helped pull rivets fastening the wing skin down. It's amazing to see how quickly this plane is coming together.

President's Corner

by Dave Doherty

Oct 10 – Young Eagles Rally. This was the last one of the year. We had 29 kids attend and fly. With great support from our pilots and ground crew, everyone had a really nice time. Many parents came up to me and wished to thank the pilots, ground crews and staff for the time and expenses they recognize it takes to put on such an event. We have a really great gang of people who freely donate their time, and pilots who absorb much of the expense in aircraft cost to do this. I am so proud of everyone who has helped out this year. I won't mention names here, as there are so many. Thanks to everyone, especially Rick, who has the huge task of organizing these events. This year, we flew close to 300 kids, and a bunch of parents too. That's really cool! It is making a difference. At a recent meeting, a former Young Eagle came to our meeting and announced he's pursuing a career in aviation, and has obtained his license along with several ratings. He's well on his way to the flying career he's been dreaming of.

Our next regular chapter meeting is October 17. With election time is coming up in November, candidates for Vice President and Treasurer will be announced (*see the ballot elsewhere in this newsletter*). Nominations will remain open through the October meeting. According to our by-laws, a quorum of at least 1/3 of the membership is required for a proper vote. The November issue of the newsletter will include a proxy ballot so chapter members who do not attend the November meeting may get their vote counted.

The annual Holiday Dinner and Awards Banquet will be on Dec 5 this year, at the All Occasion Banquet Center (same place as last year). Charlie Becker from Oshkosh HQ will be our featured guest speaker. Tickets will start going on sale at the October meeting.

After the regular business meeting, Mr. Tom Sparr will give a presentation about his service in the United States Air Force, flying the AC-130 gunship. Perhaps we'll also hear about his flying career after his Air Force stint. His story is something we all should hear and learn about.

There is also another event going on at Smartt Field on Oct 17 – The Cystic Fibrosis Foundation is having a fundraising bicycle ride event. There will be close to 300 cyclists participating. They'll start and finish at the CAF building. Cyclists will ride several routes with distances ranging from 25 to 100 miles, this is a big event at the airport. On the ramp near the CAF will be numerous tents with various activities, several live bands, and lunches for cycling participants. It's estimated that around 600 people will attend including the cyclists.

St. Charles Flying Service is donating a banner tow encompassing the routes. I'm working on getting some

other aircraft to participate. Without confirmation, I can't say what that's all about. EAA Chapter 32 is tasked with preparing meals for the riders. A local company has donated hot dogs for the event. We'll cook and serve them to participants.

The 100 mile riders will start at 7:00 AM sharp. The rest of the riders will start at 10:00 AM. The food serving is scheduled to start at 11:00 AM and run through about 4:30 PM. At about noon, the bands will start playing. It's a worthy cause, and I'm looking for volunteers to help do our part with this fundraiser. In case one doesn't know what CF is, here's a brief description:

Cystic fibrosis is an inherited chronic disease that affects the lungs and digestive system of about 30,000 children and adults in the United States (70,000 worldwide). A defective gene and its protein product cause the body to produce unusually thick, sticky mucus that:

- Clogs the lungs and leads to life-threatening lung infections; and
- Obstructs the pancreas and stops natural enzymes from helping the body break down and absorb food.

In the 1950s, few children with cystic fibrosis lived to attend elementary school. Today, advances in research and medical treatments have further enhanced and extended life for children and adults with CF. Many people with the disease can now expect to live into their 30s, 40s and beyond.

October 24 is another big event at Smart Field – The annual Smartt Field Open House. EAA Chapter 32 will participate with a fund raising event, supplying food to people who attend. We'll also have our ARC open to the public, and we will be there to show and tell what we do. Last year, a number of planes flew in and attended. St. Charles Flying Service will hold their annual Pumpkin Drop Competition. About 50 contestants try their skills hitting a target placed on the far side of runway 18/36. The CAF will also have their facility open to the public, and plan on flying their B-25 & TBM, making several runs at the target. It's a spectacle many people come to the airport to see. Last year, we sold 300 meals and ran out of food. Weather forecast is for great weather, and even higher attendance is anticipated this year. Spectators will be restricted to an area between the ramp by our building to a line short of the runway 18/36 taxiway. We estimate up to several thousand people coming to the event.



Both the events described above are important to our chapter. Without volunteers doing their part, we won't succeed, and I'm asking for people to step up and help. Please? Our chapter needs to reach out to the public in order to thrive, and this is one of the best ways I know of to do it.

As we have done for the past few years, we're offering an aviation related movie on the evening of the last Saturday of the month. This month, Halloween comes on that Saturday. We're moving the event up a week to OCT 24. We're proud to announce the showing of the movie "First Light". It's a WWII story. In May 1940 eighteen-year old Geoffrey Wellum joins the 92 squadron of the Royal Air Force. He's the youngest ever Spitfire pilot, and flies during the Battle of Britain. He survives the war, and he is also in the movie (present day), reflecting on that time in history. Needless to say, there are lots of beautifully done flying scenes in this movie. We urge as many folks that can to bring their date and enjoy the evening with other chapter members, their wives, and friends. A pot luck dinner is part of the deal. It's a chance to not only be with our other half, but also enjoy the company of others with similar interests. We'll all have fun. I have it on good authority there will be a number of chapter members with their wives in attendance at this, the last movie of the year. See the promotional page elsewhere in this newsletter. I have it on good authority there will be a number of chapter members with their wives in attendance at this, the last movie of the year.

If you can make it, come to our meeting on Saturday, October 17 at our Aviation Resource Facility located at Smartt Field, 1610 Grafton Ferry Rd, Portage Des Sioux, Mo 63373. Meeting time is 10:00 AM. It might start just a little late due to the CF bike ride fundraiser, but we'll try and keep it as close to ten as we can.

We have a lot of fun things going on, and need your help. See you there!

Blue Skies to all,

Dave Doherty

September Meeting Minutes

Dave Deweese



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

Don gave the Treasurer's Report, including checking and savings balances.

Chuck Gorman is now a member. He's been around as president of the new flying club.

Rick May was absent so Dave gave the numbers for last week's Young Eagles' event. We ended up flying 38 eagles and 9 adults, thanks to 5 pilots and 21 ground assistants.

Bob Murray has done some research on our water heater project. He's concluded that an on-demand heater would be a good solution.

Jeff and the membership committee will be auditing to make sure all new members for 2015 have information packets and door codes.

Ron Burnett has food coupons.

October 3 will be a work party for ARC improvements. We'll install the water heater if we have it. We'll paint the flag pole base and building trim. The garage door could use some paint as well. For 2016 we'd like to paint "EAA32" on the roof and paint the interior metalwork brown. The airport will be sealing asphalt.

Troy chapter 1387 will have a Young Eagles event on October 3 at H19.

The flying club is making impressive progress on the RV-12 project. Gale has inspected and approved the work so far. There are six equity members, about the max for insurance purposes, though all are welcome to work on the project. We've got one possible paint scheme but may

have a contest for more options. The group has gotten 32YE as the registration number.

Dave got a call from a representative of the NHRA, they're looking for some planes to do a flyover in conjunction with the National Anthem. 9/17 at 10:58 a.m. Let Dave know if you'd like to participate.

Zenith Aircraft fly-in is today until 2:00 p.m. CAF Hangar Dance is tonight.

October 17, our next meeting, will be elections for treasurer and vice president. Currently Don and Bill Doherty are the only nominees.

The Aviation Business group will hold their annual trivia night, also on October 17.

Next Young Eagles, our last of the year, will be held October 10.

Our upcoming movie will be Island In the Sky, September 26, starting at 6:00 p.m. Last month Doug Killibrew



Learning as we Go

Trans World Airlines Museum

mr. bill

On a recent bucket list road trip (too windy that Saturday to fly) there was a visit to the TWA Museum at the (Downtown) Kansas City, Missouri Airport. What a place. After crossing the bridge over the Missouri River into the airport parking lot this fine machine was spotted.

There were some old photographs of the 1950s where the mechanics came out to meet the airplane in white coveralls. Reminded me of the gas station attendant who would pump the High or Low octane fuel in your car when I grew up in the 1960s.



DC-9-82, N948TW, “Wings of Pride!”

This was a very special weekend in September because it was also “Open House Day” at the airport and Young Eagle rides were being given. There was one of everything type of airplane on the ramp. As I walked through the door of the FBO (Fixed Based Operator) where the museum occupies office space in the back room, a group of young kids were heading over to the newly acquired (ex-American Airlines now) TWA DC-9-80 and I asked if I could join them. The retired flight attendant walking the group out toward the airliner asked what I knew about the airplane. Saying that I used to fly it, put me in charge of this tour group. Several of the kids who were physically challenged, took a little more time but we got them all up the stairs, through the plane, into the cockpit for pictures, and down the front stairs with BIG grins on their faces. Pictures were snapped, kids were excited, and I was having a blast. We need one of these DC-9-80s out at Smartt Field. Trouble is we need some rich oil guy’s fuel credit card!

After touring the “Wings of Pride” airplane we walked through the back room of the building FULL of historical models, posters, and pictures of the 75 years of flying history of TWA.

The location of the museum is in the back of the Signature FBO at 10 Richards Road, #110, Kansas City, Kansas 64116, at the Charles Wheeler Downtown Airport. Ten dollars gets you in to view some cool items from the days gone bye of Trans World Airlines. Speaking of the name

TWA®, it was

purchased by another airline when TWA was in bankruptcy. Seems that the big airline forgot to re-apply



Model of the TWA Four engine Lockheed JetStar II used for training the zero to hero pilots.

for the trademarked name of TWA, so the sharp people over at the TWA Museum applied for and obtained the rights to use the TWA trademark. That is why the TWA letters COULD be painted on the old, I mean classic, DC-9-80, N984TW. The people at the museum are waiting for more first class seats to arrive from the desert where the airplanes are being parked. The plan is to put the first class seats in the coach cabin. The airplane will then have 88 First Class seats throughout the cabin so this aircraft can do Honor Flights. These flights take veterans to Washington, D.C. for a daily trip to visit the Veteran's Memorial.

The "Wings of Pride" aircraft was special to the TWA family. The employees actually donated a set amount of their money each month to offset the cost of leasing an airplane. Due to cost of a "special" paint scheme for the airplane the employees sponsored, the group decided to just flip the paint colors, painting what was white, RED, and what was red, WHITE!

So if you are in the KC area there is GREAT BBQ and a GREAT museum.

Q? What group approached TWA and wanted to paint one of the aircraft PINK!

**A: The Texas based
cosmetic company MARY
KAY**

Safety Tip of the Month

Crosswinds

A southwest wind is blowing from a single runway, non-towered airport. The traffic pattern (left traffic) and the ramp are quiet, so there will be no following other taxiing aircraft to the runway's takeoff end, and no waiting for a gap in the traffic flow for takeoff.

All of this raises an intriguing question: With the wind blowing precisely 90 degrees to the single runway, which runway end should the pilot choose for takeoff?

The aircraft's tiedown spot is closer to the Runway 33 threshold than its reciprocal. The pilot's first impulse is to head for the nearest set of runway numbers.

Upon further consideration, however, the pilot notes that a takeoff in the other direction would place the flight within a few degrees of its on-course heading, quickly making up for time lost taxiing the greater distance to the Runway 15 threshold. Another advantage would be fewer obstructions, and no rising terrain, along the southeast departure path—and the area is less populated, mitigating any noise concerns.

Departing southeast would take the aircraft over a golf course and a four-lane highway, adding safety margin to any low-altitude emergency that might arise. That's in contrast with the dense woods looming beyond the airport fence at the northwest boundary.

The taxiway's northwestern end and the first 1,000 feet of Runway 15 once were notorious for loose and cracked pavement; as remarks included in the listing for the airport. But those conditions were recently addressed thanks to a paving project. The project also included painting new markings along the runway's entire length.

As for operational factors to consider for takeoff, a right crosswind would tend to offset the left-turning tendencies of a single-engine airplane.

What would you do ?

Bob Kraemer

November 2015 Chapter Nominations

This year, the offices of Vice President and Treasurer are up for grabs. Our two incumbents graciously agreed to throw their hats in the ring (ok, we twisted their arms), but there is also space to write in your own name or the name of someone you think would do a good job in that office. Please complete this page and turn it in at the October meeting. Thank you for exercising your rights and privileges as members in good standing of EAA Chapter 32 to participate in our election process.

Vice President

☐ **Bill Doherty (Incumbent)**

☐ _____

Treasurer

☐ **Don Doherty (Incumbent)**

☐ _____

MOVIE AT THE ARC

EAA Chapter 32

Proudly Presents for October

FIRST LIGHT

Starring: Sam Heughan, Gary Lewis, Ben Aldridge, Alex Robinson, Paul Kynman, Paul Tinto, Tuppence Middleton

Release Date: October 14, 2010

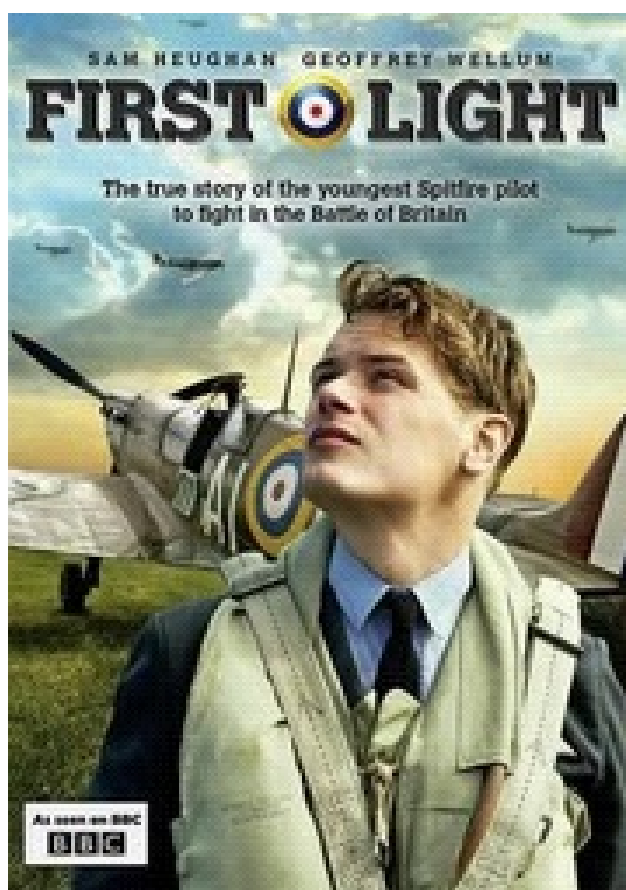
Running Time: 74 Min



In May 1940 eighteen-year old Geoffrey Wellum joins the 92 squadron of the Royal Air Force and is taken to the pub, where pilots who have seen action sign their names on a blackboard. Next day, with no flying

experience, he is expected to pilot a Spitfire.

He is nervous but exhilarated. Soon he is seeing action against the Luftwaffe, his sense of duty dispelling fear, and, having taken part in the Battle of Britain, is awarded a medal, though he never signs the blackboard. By 1941 he has flown fifty missions and feels invincible, though he sees friends die and in 1942 the stress causes him to have a breakdown. How-



ever he survives the war and, in the present, talks direct to camera, voicing his feelings about his service experiences.

**Come see this movie on the big screen-
Location:**

**EAA Chapter 32 Aviation Resource
Facility**

**St. Charles County Airport (Smartt
Field)**

1610 Grafton Ferry Rd, St. Charles, Mo.

Date & Time:

Saturday, October 26, 2015

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

Movie starts at 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**



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!



TO:

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