



MARCH 2016

News and information for the Gwinnett County Chapter of the Experimental Aircraft Association Chapter 690 Meets in Hangar #1 of the Sport Aviation Complex at Briscoe Field, 690 Airport Rd., Lawrenceville, GA

About EAA 690

EAA 690 is a Chapter of the Experimental Aircraft Association, located at <u>Briscoe Field</u> (<u>LZU</u>) in Lawrenceville, Georgia. A diverse chapter with over 300 members, we offer a wide range of aviation-related activities on a regular basis.

While the Pancake Breakfast and our monthly meetings are the norm, we also are heavily involved in youth education through EAA's Young Eagles program and our Aviation Explorer group, regularly conduct fly-ins, and host historical aircraft such as EAA's B-17 "Aluminum Overcast", the Ford Tri-Motor and Ron Alexander's DC-3.

We have pilots with a wide variety of experience, from former airline and military

pilots to general aviation pilots with a private certificate. "Hangar flying" is a fun part of the mix, and our facility is often used



for aircraft annual inspections, meetings, special events, and training.

Our technical counselors are some of the best in the business, and willingly donate their time to homebuilders, as they progress through the various phases of constructing an aircraft.

We also have an extensive array of aviation tools for loan to members and a library full of aviation information. Come join us on the first Saturday of every month at the hangar to enjoy a \$6 Pancake Breakfast, and to learn more about EAA 690 The Presidents Pitch

By Randy Epstein

Websites, Websites Everywhere

As the chapter has grown we have worked to provide as much information as possible. The main chapter website (eaa690.org) is provided by the national organization to the chapter. Unfortunately it has many limitations and restricts a bit of what we can do. It makes a good starting point though for everything we have. About three ago I developed a second years site (www.eaa690.net) as a database of members so we could better keep information of our members. Along with the member information there is other functionality to the site that is not being fully used at this point in time.

My desire is to do an after breakfast presentation live so everyone can see how to use it, as I realize that every chapter member is not a computer whiz. I'd like to lay out some basics here before we do that. The site is linked from our main site. The menu item is "EAA 690 member Database". Every member is already registered at this site via the email address you receive our NOTAMs. What you may not know is your password. To gain access you can go to the database site and click on Log in in the upper right corner of the page. You will be taken to the login page. At the bottom of that page is a link, "Forgot Password", click that, enter your email address and click the button "Rest Password". You will receive an email with a link so you can choose a password. Once you do that you will have access to everything. There are two function of this site that I would like to see us use more. One is the FlyBuddies page. We do currently have a half dozen folks signed up as FlyBuddies.

Cont. on pg. 11

EAA 690 Young Eagles Report

March 2016

By Duane Huff, Young Eagles Coordinator

What happened to the 60% chance of rain that was forecast? Thankfully it did not happen and we were able to fly Young Eagles. Twenty three (23) were flown by six pilots. They were David Balthaser 2 YE, 1 flight, Pat Bratton 3 YE, 1 flight, Randy Epstein 5YE, 2 flights, Fred Huppertz 3YE, 1 flight, Brian Michael 3 YE, 1 flight, John Morgan 3YE, 1 flight and John Post 4YE, 2 flights. About half of these were Tim Fulmers Scouts that received their Aviation Merit Badges this week end.

Also six of the total had flown as Young Eagles before today.



Jeanne Ferguson, Gay Roberts and Barbara Epstein were our Young Eagle Gals for the day.

Art Farmer and Bob Krone did the safety briefings. Wes Riddick, Joel Levine and Jarred Lundy instructed the students on the simulators.

The safety officers and loaders for the day were, John Bogart, Bill Ferguson, Tom Hilborn, Jason Hilborn, John Reitz, Herb Rusk, and Alex Straka.

Thanks to all volunteers that make the Young Eagles program GREAT!

NavCom

The NavCom is the official monthly newsletter of EAA Chapter 690, serving its members and other persons interested in the advancement of aviation.

Original articles, art and photos are invited and welcome. Submit articles in Word 97 or ASCII format and pictures in .jpg, .tft or .bmp format via e-mail to: NavCom@EAA690.org.

Deadline for submission of articles and pictures is the 20th of the month, unless otherwise announced.

Permission is hereby granted for the reproduction of NavCom articles by other EAA Chapters, provided that a proper credit is given to the author and to the NavCom.

The NavCom is published electronically on a monthly bases and distributed to Chapter members and other interested parties. Printed copies may be available, upon request.

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Please send any and all comments and recommendations you have for the NavCom. Our goal is for the NavCom to meet the needs and desires of the entire Chapter. Your input is most welcome.

> NavCom Editor Tom Hilborn 404-406-6638 tj1227@bellsouth.net EAA 690 Hanger Ph 770-339-0804

Your Chapter is Building a Vans RV-12

The building of this marvelous airplane is well underway however, there is still have a long way to go and the chapter needs your help. If you would like to donate to help move this project forward you can go to the <u>Square Marketplace</u> today to donate. Please be sure to note that your donation is for the RV-12 project, your donation and support is greatly appreciated.



For more details visit <u>rv12.eaa690.net</u> https://www.vansaircraft.com/public/rv12.htm

Build progress report on page 5

Chapter Points of Interest

Due to a conflict with Sun n Fun the Board has decide to hold the regular April Friday meeting on Friday April 15th and the Board of Directors will meet on Tuesday April 12th.

At our monthly Board meeting it was decided to name hangar #6 the "Bishop Education Center". As a chapter we are very honored to have had this property gifted to us and look forward to doing great things with it now and in the future.



March 5th Pancake Breakfast w/Guest Speaker Representative Rob Woodall

What a great day for EAA 690. We had another

packed house for breakfast this morning and a great visit from Representative Rob Woodall as he addressed the PBOR2 with us, answered many questions and then did a meet and greet afterward.

The youth made

good progress on the Pietenpol project down at hangar 6 and work was done on the RV-12 project as well.

On top of that we hosted about 50 folks in the afternoon for an AOPA Rusty Pilot seminar presented by Bruce Buell and Wes Riddick with Advanced Aviation and our very own Ken Sharp. Joel Levine did the organizing and John Morgan cooked hot dogs assisted by Kyler Elliston. All in all a wonderful day!!! Thanks to all that came out and supported us and especially to those that helped.



TiCo Warbird AirShow Titusville, FL March 11 - 13, 2016

By Tom Hilborn

I had an opportunity to attended the TiCo Warbird Airshow on Saturday March 12th and had a really great time.

The static displays represented aircraft from WWI, WWII, Korea, Vietnam, the Gulf Wars right up to present hardware.

The airshow was fun and had a good mix of aerobatics and military hardware. Included were observation planes, fighters, bombers and transports. Skydivers were also in attendance. They did



a low level jump using WWII style parachutes (the old military round kind). For their jump platform, they used a C-47 that is a real veteran, this one actually participated in the invasion of Normandy on D-Day, what a thrill. If you can attend next year I highly recommend it.



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Chapter 690 Youth Pietenpol Build Progress Report

Update 3-12-16

By Rick Mathisen

Builders attending were Jaime Bautista-Mojica, Aditya Chackonal, Carolyn Coppinger, Alex Kirkland and Alex Straka. Mentors helping were Art Farmer, Joel Levine and Rick Mathisen.

The top diagonals on the left aileron, the left wing spar doublers, the right wing diagonals and the right wing nose ribs were installed.

Our next session will be on March 26, 2016 from 9:00 AM to 1:00 PM.

Great work today.



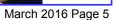
Chapter 690 RV12 Build Progress Report

Cont. from pg. 3

We started the rudder assembly March 8th and match drilled the skeleton parts, deburred, & scotchbrited them. After wiping down with acetone, Gordo primed and hung up to dry. In attendance were Jerry Fischer, John Kimmons, Joel Levine, Gordon Fowlkes, John Bongart Rich Hopkins, John Morgan, and Ron Brown (who brought tools from Dave Henderson's build).

Since we are making good progress, the fuselage kit has been ordered as of 3/16. We'll keep you up to date on the details as they become known. Thanks to all of those that

have put time in on this project. I hope everyone is learning and that we can get more folks involved as we move forward.





UPCOMING

AVIATION EVENTS



Chapter Events

Pancake Breakfast & Program Saturday, April 2nd at 8:00 AM -11:00 AM

Chapter Business Meeting & Program Friday, April 15th at 7:30 PM-10:00 PM

GARS Meeting

Tuesday, April 12th at 7:00 PM-9:00 PM

Young Eagles Flights

Saturday, April 16th at 8:00 AM-12:00 PM

Monthly Youth Ground School

Friday, April 19th at 7:30 PM-10:00 PM



2016 marks the **<u>55th consecutive (nearly)</u> <u>year</u>** that the Georgia QSO Party (GQP) has been challenging amateurs all over the world with the best award/plaque program in the US. In 2015, **323** amateurs submitted logs vying for the thirty-nine award plaques that could be earned.

The GQP is held in a pair of ten-hour sessions on the second full weekend in April; this year that is **April 9-10, 2016**. All or nearly all 159 Georgia counties should be on the air.

Visit the web site for more info about the GQP www.gerogiaqsoparty.org



Ready to mix some down-home Southern hospitality with a fun-filled day at the airport? Then join us at Michael J. Smith Field (<u>KMRH</u>) for the 2016 AOPA Beaufort Fly-In, May 20-21!

Come Friday for the Barnstormers Party, spend Saturday at the fly-in, then take Sunday to sample the sights and sounds of beautiful Beaufort, NC. What a great way to spend a springtime weekend. Or just come for the day on Saturday to tour, learn, and make new friends.

For More info visit the web site:

http://www.aopa.org/Community-and-Events/ AOPA-Fly-In/2016/Beaufort-Fly-In

New Smyrna Beach Fly In Pancake Breakfast

New Smyrna Beach, Florida: New Smyrna Beach Airport (KEVB) Saturday, Apr 02, 2016 (8:00 AM—11:00 PM.)

Come have breakfast with the WWII aircraft and military vehicles that will be on display. All proceeds benefit the Southeast Volusia Humane Society in memory of Buddy the cat. Pancakes, eggs, sausage, muffins, grits, coffee, and juice will be served. Sponsored by US Legal Support. Suggested donation of \$5

Contact - Jennifer Santorelly

Phone - 386-690-8557

Upcoming Events cont.

2016 HISTORIC MOTON- TUSKEGEE FLY-IN

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Sponsored by the City of Tuskegee

The annual Historic Moton-Tuskegee Fly-In returns Memorial Day Weekend with numerous vintage aircraft, helicopter rides, warbirds, lots of aviation

enthusiasts, food & market vendors, and of course, the Tuskegee Airmen National Historic Site museum.

Gates open at 10am and



For more info follow GOLDEN EAGLE AVIATION on Facebook Or visit www.goldeneagleaviation.com

Upcoming Events cont.



AOPA at SUN "n FUN

Meet other AOPA pilots and aviation enthusiasts at the **AOPA Campus** on Laird Blvd., next to the FAA Building. April 5-10 | Lakeland, FL

AOPA Main Tent

- Learn what AOPA can do for you to make you a better, safer pilot
- Take advantage of AOPA membership show specials
- Get answers to your legal and medical questions from our experts
- Get a free rate quote from our aviation loan specialists
- Get covered free umbrella with a quote from AOPA Insurance
- Learn how our Life and AD&D Insurance covers you while you're flying
- Learn about flight training loan opportunities

Visit the AOPA Pilot Gear Store to update your wings with the latest AOPA merchandise

AOPA Program Pavilion

- Talk with AOPA President Mark Baker over free coffee and donuts, or at the free ice cream social
- Attend the Rusty Pilots seminar to get back into the air

Benefit from the many free seminars and safety presentations led by fellow AOPA Pilots, including some of the biggest names in aviation Mark your calendars for aviation's season opener April 5-10 The 42nd Annual SUN 'n FUN

International Fly-In & Expo

This year's theme is *Honoring Our Armed Forces*. The Fly-In is SUN 'n FUN's largest fundraiser for the Aerospace Center for Excellence (ACE), a 25-acre, 11 building campus dedicated to aerospace and STEM education in <u>Lakeland</u>. Approximately 200,000 guests, exhibitors, volunteers, sponsors and performers are expected to attend. Proceeds from the event support numerous community activities in addition to ACE.

Airshow Performers

Over 50 airshow performers have been scheduled, including:

- Breitling Jet Team
- U.S. Army Golden Knights Parachute Team
- U.S. Navy F-18 Hornet Demo
- USAF F-16 Viper demo
- USMC aerial demo
- U.S. Coast Guard Search and Rescue demos
- U.S. Navy Legacy Flight back after three years, a dramatic formation flight with modern tactical jet and vintage WWII fighters!
- Daily Vintage Warbird Flying Showcase featuring EAA Warbirds of America U.S. Air Force Heritage Flight

Event Attractions

Event attractions include improved and increased flightline viewing areas, daily autograph session with performers, Thunder Alley Vintage Jet Display, Warbirds in Review showcase series, B-1 Bomber static display, and much more. And, making its first appearance at SUN 'n FUN will be the F-35 Lighting II Joint Strike Fighter! A twilight midweek airshow is scheduled for 8:00 p.m. on Wednesday, April 6. The evening program on Saturday, April 9 will include fireworks with a night air show.

Generosity and Appreciation

By Randy Epstein

I'd like to tell you a story of true generosity. Back in the summer last year I was asked to meet with Larry and Laura Bishop. As many of you know Larry, Laura and family are fighting a battle with Larry's Alzheimer's. Larry and Laura are long time members of the EAA 690 family and the owners of Hangar #6, in our row, as well as a beautiful Aeronca that Larry had restored. In that meeting we spoke about finding a home for the Aeronca and it was stated that they also wanted to donate the hangar and its contents to the chapter.

We discussed several options for the Aeronca and settled on the museum at Candler Field, Peachstate Aerodrome. I put Laura in touch with Ron Alexander and the arrangements were worked out over the next few months. As far is the hangar and its contents, Steve Ashby began to work on papers for the donation. We also had the hangar appraised so we could make sure to have the proper paperwork in place. During this time we did begin to use the hangar for youth activities. In the last week we wrapped up and signed the paperwork to complete the donation.

I know many of you have many great memories with Larry and Laura and are certainly not surprised at this show of generosity by them. I have not been a part of the chapter long enough to have known Larry as well as many of you do. I know that you work to keep Larry active with the Tuesday lunch group and Silver Wings and for that we all are grateful. Due to Larry and Laura's generosity EAA 690 now has a second home that we can use for our youth build program and RV-12 build as well as other projects going forward. We also now have a Stinson project to work on. We will be working on plans for setting things up in the hangar and probably moving the tool room to hangar 6 as we move forward.

EAA 690 Membership Report March 2016 By Jeanne Ferguson

During the month of March we had the following new member, Robert Hughes. Welcome Robert.

Reactivating were: Mike Kennedy, Wes Luster, Dan Cook, Jim Garner, and Kent Lemley. Welcome back all.

Hope to have lots more in both categories to participate in all the various exciting chapter activities.

Still have lots of 2015 members to renew their membership, look forward to having everyone with us.

Here are the numbers:

Family members counted:107From 45 Family Membership86Individual members86Student Membership16Total Membership209

EAA 690 Business Meeting March 11th

Randy presents Larry Jordan with the EAA 690 presenters mug after an informative program on Angle Flight Soars. Our thanks to Larry for an interesting and informative presentation.



Town Hall Meeting held Feb.27th Hosted by the Candler Field Museum By Joel Levin

On March 3 more than 15 Chapter 690 members traveled to Peach State Aerodrome for an EAA Town Hall style meeting. EAA President Jack Pelton had traveled to Peach State Airport to host the Vintage Aircraft Association Meeting in conjunction with the general meeting. Ron Alexander has created an antique airplane mecca and residential community south of Atlanta.

Several Chapter members flew while others drove. The pattern was busy with more than 50

airplanes reported flying in. Flying with Duane in his Aeronca we arrive in fine style. Always a gentlemen,



Ron delayed the start of the meeting so that those of us still having lunch in the Barnstormer Grill didn't miss a thing. Thanks Ron!

The Town Meeting was a combination of issues facing the VAA and the pilot community at large.



Jack Pelton reviewed issues pertaining to our GA community covering updates on medical reform, ATC privatization, the newly required volunteer requirements, drone activity other pertinent issues. The Q&A that followed addressed additional issues.

It's evident to this writer that Jack Pelton is the right

man to head up EAA. His passion for GA and his ability to voice our positions are key going forward. The standing room only audience seemed to agree.

Drainage Repair Project

By Randy Epstein

Many thanks to Steve Ashby, Brian Michael, John

Morgan, John Kimmons, Keith Brown, Lee Olson, John Slemp and Chuck Roberts for their hard work and efforts today working on our drainage issue at the hangar. We got partway there today.







Presidents pitch cont. from pg. 1

Becoming a FlyBuddy is simple. You go to the List > Member List and search for your name. Next to your name should be a link for Edit (you must be logged in). When you click on Edit you will see a page with all of your information. Near the bottom is a check box for FlyBuddy. Check the box and click the button "Submit Changes" and you will now appear in the FlyBuddy list. While you're at the edit page you can enter members of your family, address updates, phone numbers, EAA member number, Aircraft tail #, Certificates or Ratings you hold, endorsements, etc.

Next up is Flyout Events. Clicking that menu item will show a list of upcoming events we are aware of. Clicking the arrow next to an evet will show more information. At the bottom of that information will be a link for "Add Pilot". If you are flying down to Sun n Fun, for instance, and have a seat or two available you can add your name as an available pilot for this event and others will see that information.

We have three other sites that are updated fairly regularly also. All are reachable from the main site (www.eaa690.org). The youth program has a site, "EAA 690 Youth" on the menu and we use it to keep them up to date on ground school sessions and build dates. We also publish short articles there on their most recent activities. The RV-12 Project has a site also "RV-12 Project" on the menu. We publish articles and pictures there of the most recent build activity. Last is an online NavCom that is under the "News" menu. It is a way to keep you up to date on happenings between publishing of the regular NavCom.

In addition to the sites mentioned we maintain a FaceBook group page at <u>http://</u><u>www.facebook.com/groups/eaa690/</u>, a Twitter account @EAA690 and an Instagram account @EAA690. The twitter account is a way for us to send out last minute info to folks for things like a postponement or cancellation of a Young Eagle rally. Instagram allows us to post photos of events as they are taking place.

As you can see we are endeavoring to keep the membership informed in many different ways and will continue to work on and fine tune this as we move along. I look forward to seeing you at breakfast on April 2nd. Watch the NOTAM for new gate codes.

Chapter 690

Famous Chili Cook-Off

April 16, 2016 @ 5:30 pm – 8:30 pm EAA 690 Chapter Hangar

Everyone is invited to bring their favorite chili and enter in the contest. Categories include:

Antique — Family Recipes

Warbird — Hotter the Better

Homebuilt — Unusual ingredients and or Taste

Classic — Best All Over

Ultralight — For Lighter Tastes

In charge of appointing judges for this years event will be Buddy Brown and Jill Balthaser.

Last years winners included Jill for **Classic** (3 years in a row), Pat for **Antique**, Adam for **Homebuilt**, Lauren for **Ultralight** and Best of Show went to Jill.



To add to the fun, everyone is invited to join in when Brian Michael emcee's another round of flying trivia. Put your thinking caps on and be ready.

Judging will begin at 5:30pm and we will eat at 6:00pm. Plan to attend, it's been a really fun event in years past so don't miss out.

Members are asked to bring a side dish or dessert to share!

Creating Heidi: The Helicopter Trainer Part 2: Building The Frame

By Chuck Roberts

Last month we discussed the various decisions that were required before starting the construction of Heidi, the helicopter trainer. With this article we start the actual construction process. One would normally start by drawing (or, at least, sketching) all of the parts. However, to do so would require a complete vision of the finished project. This leads to a fundamental problem: because this is a project made of "found objects" (many of which haven't been found yet) it is impossible to know what the finished project will even look like much less know what the exact dimensions of the parts will end up being. I guess you could say she just grew from idea to finished project.

The frame (as I'm referring to it) is all of the helicopter "body" which supports all of the moving parts. It is almost all one welded unit but there are a few

of its components which are bolted to the welded structure. All of it is painted gloss black in an effort to make it "disappear" as all of the other systems are each painted a separate, distinct color to make them stand out for explanation. As discussed earlier the overall dimensions are set and, as Heidi is a teaching tool, I felt it helpful for her to look as much like a real helicopter as practical. Therefore I started by making skids of 3/4" EMT by bending up the fronts to what looked right to me and bending up the backs to meet the rear vertical tubes. Later I will turn hardwood "mushroom head" plugs for the front end of the skids for safety and appearance. Next I cut two 48" pieces of 34" EMT for the first



horizontal members to set the width of the frame. Then I cut the four vertical pieces (in two sets: two long and two short) which set the platform height on which the seat would sit.

In addition to keeping a daily work log I took many pictures at the end of each work day. One significant feature of this project is: I started out building the frame along the lines of another Experimental – Amateur Built (E-AB) helicopter and it used right-angle corners between the vertical and horizontal tubes in the frame. After I had the basic frame built I realized such hard, sharp corners presented a safety hazard if

someone (especially children) should fall and hit their head on such corners. To correct the hazard I cut out the sharp right angle corners and replaced them with smooth bends formed with an EMT bender. I mention this because you will see the sharp corners with their diagonal braces in the early photos and then you will see the smooth bends in later photos. Like I said: this project just grew.

Once the two skids were welded to



their verticals and those, in turn, were welded to the two 48" horizontals I had the beginnings of the frame.

Cont. Pg. 13

Creating Heidi cont.

Before I could add the seat platform tubing I needed to modify the seat base because it was originally bolted to the floor of the car which wasn't flat so it had four "feet" welded to the rails which were four different lengths. This picture shows the seat base before the feet were removed (using a thin cut-off wheel on a angle grinder).

Once the old feet were removed I drilled mounting bolt holes in each end of each rail. Now I was able to measure the seat mounting hole spacing (side-to-side and front-to-back). With that measurement I was able to design simple angle brackets to interface the seat rails to the seat platform tubing and, thusly, be able to set the distance between the platform tubes so they could be welded in place. With that done I put a



temporary piece of plywood across the seat platform rails, sat the seat on the plywood, sat on the seat and measured the needed distance in front of the seat for the position of the anti-torque peddles. Given that



distance I bent $\frac{1}{2}$ " EMT to form the peddle support frame and welded it in place. The picture below shows the results.

I then welded on the seat brackets so I could bolt the seat in place. This was needed because the fore-to-aft movement of the seat (during adjustment to accommodate different size "pilots") would impact the location of several other devices later. Once I had the seat bolted in place I could sit on it and squirm around a bit to test the frame rigidity up to this point. I discovered the skids tended to spread apart under a load and the seat platform tubes swayed slightly. To address these unwanted movements I welded two 1/2" EMT tubes across between the skids and added two 1/2" EMT diagonal compression tubes just aft of the seat. At this point I also

added the diagonal braces for the peddle support frame. On a real helicopter the tubes crossing between the skids would be unacceptable because they would interfere with the helicopter sliding over terrain. However, as this is a non-flying trainer I judged the cross tubes acceptable (See photo above).

I next started the tail boom design. Its first requirement was it must clear the closed tailgate of my pickup truck so I measured from the front end of the skids aft to the eight foot length and measured up from the floor the height of the tailgate, added one inch, and welded the first tail boom tubes at that angle. The tail boom tubes converge and I welded a plate between them at the rear end to form the beginning of the tail rotor system. The following picture shows the beginnings of the tail boom along with the start of the tail rotor work tubes (See picture next page.).

Cont. Pg. 14

Creating Heidi cont.

The next article will discuss the main rotor system so only the frame structure which supports it will be discussed here. To support the weight of the main rotor system I welded two $\frac{1}{2}$ " EMT tubes across between the $\frac{3}{4}$ " seat platform tubes. The main rotor weight is supported by a tapered roller bearing at the



bottom and lateral loads are supported by a friction bearing made of a block of very hard wood. This block has four 5/16'' brass threaded inserts allowing it to be bolted to four 1/2'' EMT tubes welded to the seat platform

As the other systems are developed there will be small additions to the frame to support them as will become apparent in the subsequent articles.

Designing a fully functional helicopter trainer using found items can be an interesting challenge. However, it can also be a lot of fun and a rewarding experience.

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Members can send pictures and a brief description of your treasure for sale and have it posted for all to see, send to <u>tj1227@bellsouth.net</u>. Be sure to include your contact information so the eager buyer can reach you directly.

NavCom

Attention Pilots, Volunteers and Chapter Members

Please send us your comments notes or full blown articles regarding flights, trips, and experiences both past and present, include pictures if you got'em. Your input to the NavCom adds flavor, color and interest to our publication for everyone to enjoy. We want the NavCom to reflect the needs and interests of all the members. Don't worry if you are not a writer, our large professional staff of copy writers, editors, typesetters and Letterpress operators are at your disposal and eager to assist. (don't expect miracles, we will do our best).

Your input is welcome and appreciated. Email to NavCom, tj1227@bellsouth.net

Visit the EAA 690 Chapter Website at www.eaa690.org

Annual Chapter Dues

Chapter 690's Fiscal and Membership Year begins on January 1st. Dues are due and payable on the 1st of January. Dues may be paid at meetings, mailed to our membership chairman, Ms. Jeanne Ferguson or paid on-line. To pay online visit the Chapter web site, www.eaa690.org and click on "Membership" then follow the prompts for the type of membership you wish to apply for.

Chapter Badges Available

New members badges can be found pinned to the tie on the Chapter bulletin board next to the main entrance to the Chapter hanger. For anyone that needs a replacement name badge or would like to get one of the new full color badges please see Duane Huff during any Chapter function.

E-mail Update and Request

Chapter members and other interested friends of Chapter 690 are alerted and reminded of chapter planned activity, timely aviation news and other items of interest via NOTAMS sent by our President Randy Epstein. To be sure you continue to receive these informative announcements please be sure to notify Jeanne Ferguson, jmarief@bellsouth.net if you have a change in your preferred email address.

Your Assistance is Requested

As always, our great chapter runs best when we have volunteers that will step up, pitch in and get involved. Announcements are made at most chapter functions for those projects and activities where we need additional volunteer help. Please lend a hand, your help is needed and greatly appreciated.

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Our Mailing Address: EAA Chapter 690 690 Airport Road Lawrenceville, GA 30046

Directions to EAA 690

I-85 North to GA-316

Take GA-316 to Hurricane Shoals Rd NE and turn right

Go to Airport Rd NE and turn left, Go to 690 Entrance on the right.



Revamped American Air Museum Set To Reopen in the UK

Article from Manufacturing.net By Jill Lawless, The Associated Press

As Britons ponder their place in Europe ahead of a vote on European Union membership, a newly reopened museum serves as a reminder that the U.K. has often looked

west — to a "special relationship" with the United States that has survived revolution and been cemented by war.

The American Air Museum, which reopens Saturday after a major revamp, holds almost a century's worth of American aircraft that have been based in Britain, from World War II bombers to a supersonic SR-71 Blackbird spy plane and a modern F-15 fighter jet. The hangar-like space, designed by Norman Foster and Partners, bristles with steel: There are Mustangs, Thunderbirds and Warthogs, tiny biplanes and a vast B-52 Stratofortress.



But the museum's displays also tell smaller, more human, stories. There are silk stockings and Wrigley's gum, a war reporter's fur coat and a second-hand wedding dress, painstakingly stitched and altered amid the rationing of World War II.

Visit the web address below to read the complete article.

http://www.manufacturing.net/news/2016/03/photos-day-revamped-american-air-museum-set-reopen? et_cid=5181648&et_rid=723543836&location=top&et_cid=5181648&et_rid=723543836&linkid=http%3a% 2f%2fwww.manufacturing.net%2fnews%2f2016%2f03%2fphotos-day-revamped-american-air-museum-set