



# NavCom

DEC - JAN 2008 - 09

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 Road, Lawrenceville, GA



## HAPPY NEW YEAR



### Carlton Joyce to Start Off Chapter's 2009 Programs

Chapter Vice President Lee Olson has announced the program for the opening Chapter 690 Meeting of the New Year. Our guest speaker on January 9th will be Carlton Joyce.

Carlton Joyce was an application spectroscopist and international business owner, who has spent innumerable note taking hours with participants of the battle of Normandy.

Stimulated and supported by the late General "Ike" Eisenhower, the author/lecturer researched hand written post battle reports in the military archives at Bonn, London, Ottawa and Washington. Volume 1, The American sector will be followed shortly by Volume 2, The British and Canadian sector. Volume 3, The Battle of the Bulge is in preparation.

He has 14 technical publications and four scientific prediction engine failure analysis patents and a to be published military historical fiction book, "The Ghosts of '44". He started flying in 1947.

His intensive military collection includes a refurbished combat equipped 1944 jeep memorialized to Major



General Teddy Roosevelt who died in Normandy, July 12th, 1944.

In retirement, Carlton is the tour director and lecturer for battlefield tours to France, Germany, Belgium, Holland, Italy and North Africa. He is also the Executive Director of the Normandy Historical Marker Fund establishing 150 story boards at the Normandy battle sites.

The monthly meeting and program will be held in the EAA Sport Aviation Building located at Gwinnett County Airport, Lawrenceville, Georgia on Friday, January 9th and is open to all. Come join us for an informative program beginning at 8:00 P.M., with people gathering for some "hangar flying" around 7:30 P.M. Ample aircraft and auto parking is available.

If your schedule permits, come join your fellow Chapter members at the Flying Machine for dinner before the meeting at 6:00 P.M. For additional information contact Lee Olson: [lee.olson@verizonbusiness.com](mailto:lee.olson@verizonbusiness.com) or 770-284-6509.

### Chapter Election Results

Chapter elections were delayed due to a Hazmat emergency on Airport Road prior to our November meeting. At the December meeting John Slomp and Barry Smith were elected to three year terms on the Board of Trustees. Cliff Aiken, Duane Huff, Fred Huppertz and Lnor Levine were elected to two year terms on the Board of Directors. The winner of the 2008 Member of The Year Award will be announced at the January 9th meeting.

### Pancake Breakfast to Feature Steve Ashby

The first 1st Saturday Pancake Breakfast of 2009 will feature Chapter member Steve Ashby, who will talk to us about his plans for a trip around the world in an experimental aircraft. (See story on Page 5.)

Chapter 690's delicious monthly breakfast features pancakes, sausage, eggs, biscuits and gravy. Orange juice and coffee are included for \$5.00/adult and \$2.00 for children under 12. Breakfast is served from 8 a.m. until 10:30 when the program begins.



## Chapter 690 Scenes

Photos by Joel Levine



Alan Armstrong's presentation at the November Chapter meeting updated us on his book Preemptive Strike, ready for publication in Japan, informed us of the recent interview he did for Japanese television, and told us how he went about preparing the screenplay.



Barry Smith's program at the Chapter's December Pancake Breakfast showed how his company, 3DPartz, provides 3D Computer Aided Design (CAD), Prototyping, Graphics Design and Product Development. High tech 3D Modeling helps to turn ideas into reality.



One of the model samples Barry Smith brought to show was these moveable intermeshed gears, created in one piece.

Thanks to Jim Sweat, Doug Ripley and Liz Porter for their work to arrange a great Multi-Project Visit. The outing, to Air Acres in Cherokee County, was a huge success. Thanks to everyone from Air Acres who volunteered to set up, work at, and clean up for the attendees – many of whom were Chapter 690 members.



Greg Jannakos inspects the engine of the Lockheed AL-60 Turbine – one of Doug's projects.



Clyde Schnaars examines the floats to be utilized in the Lockheed AL-60 Turbine float conversion project.



A delicious lunch was held in Randall Porter's Air Acres Museum. Liz cooked up some great chili, guests brought side dishes and desserts.

The annual Chapter 690 holiday banquet was a successful and well attended evening. As usual the decorations and atmosphere were festive, the food was scrumptious, the camaraderie most enjoyable



V.P., Lee Olson was the evening's M.C.



Food Committee Chairman Jill East keeps a watchful eye out to be sure that all went well in the food service line.



The evening's attendees enjoyed the food, fun and fellowship.



## The 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. Please submit articles in Word format and pictures in jpeg, or gif format via e-mail to: [lnor\\_l@bellsouth.net](mailto:lnor_l@bellsouth.net).

**Deadline for submissions is the 20th of each month, unless otherwise announced.** The deadline for the February 2009 NavCom is Tuesday, January 20th.

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

The NavCom is distributed to members via e-mail, and is available for download from the Media Gallery of the chapter 690 web-site: [www.eaa690.org](http://www.eaa690.org).

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## Hangar Talk

By Debi Huffman, Chapter 690 President



Can you believe it is December 2008! It is my hope that the year has been kind to you. So many of our friends and relatives have been adversely affected by downtrends in our economy, to speak lightly... I pray that 2009 will make up for any losses that have come your way!

We don't have to look far to realize just how blessed we are. Personally, I am grateful for the friends and colleagues I have met through EAA. My life has been touched by aviation and space in many ways. The most recent is through the realized dreams of former student, Astronaut Eric Boe. As a seventh grader in my class, in 1977, I told Eric, who announced that he wanted to be an astronaut, that I wanted to be on his

demonstrate skills he used as a cadet. It was quite exciting, and still remembered by those who were there! On one of his visits to Fernbank, Eric

said that he studied Russian, partly because of the influence of one of the guest speakers in the aerospace class.



Eric and Debi Huffman during Delta Dream Flight visit to JSC.

As an exemplary cadet, Eric advanced through the ranks and earned the Spaatz Award, the highest award bestowed upon a cadet. He attended the United States Air Force Academy, became a T-38 instructor pilot, flew F-15's over Iraq, and then came home to earn a Masters Degree in electrical engineering at Georgia Tech. Eric went on to attend the USAF Test Pilot School at Edwards, California. This was all part of his boyhood dream of becoming a fighter pilot and then a test pilot. The next logical step was to become an astronaut. When NASA selected their class of

2000, Eric was among 17 new astronaut candidates.

When asked what he would tell a high school student who wants to become



A beautiful full moon over Endeavour just before liftoff.

an astronaut, Eric's answer may surprise you. He tells students to "find their passion in life. Find something you love and concentrate on making it happen. If that helps you become an

(Continued on page 4)



Eric visiting with LINKS students at JSC

guest list at his launch. Thirty-one years later, he kept that promise. Here is his story:

### Inspiring the next generation as only NASA can.....

When Eric Boe was five years old, he watched Neil Armstrong take man's first steps on the moon. This planted the first seed that would germinate and blossom into a fabulous career. Eric's Dad, a former fighter pilot, shared his enthusiasm for aviation and spaceflight and helped inspire Eric to join the Civil Air Patrol, where as a cadet he soloed a Cherokee 140.

As a seventh grade student in Mrs. Jean Thomas' Discovery class at Evansdale Elementary School in DeKalb County, Eric participated in an aerospace mini course at Fernbank Science Center. He returned to future classes, as a distinguished graduate, to share his CAP experiences with other students. On one such visit, he showed up with repelling gear to



## Hangar Talk (Cont. from Page 3)

By Debi Huffman, Chapter 690 President

astronaut, great. If not, at least you'll be doing something you love." (AutoPILOT, September / October 2004). Had Eric not become an astronaut, he passionately loved being a fighter pilot.



*A Perfect Liftoff*

Eric has continued to share his passion with teachers and students. In 2004, he was a keynote speaker at the National Congress on Aerospace Education in Dayton, Ohio. This is the largest aerospace education conference in the world. Eric has returned to Fernbank Science Center several times, where he has met with students and parents in the NASA SEMAA (Science, Engineering, Mathematics and Aerospace Academy) program. He delivered the graduation address at one of the closing ceremonies. During the Centennial of Flight Celebration at Fernbank Science Center in 2003, Eric was one of the featured speakers. He was also the guest of honor at the 2004 DeKalb Peachtree Airport Good Neighbor Day celebration. After greeting kids and parents at the Fernbank exhibit, he joined Scott Slade and Sam Lyons in the announcer stand during the air show. His former Henderson High School chemistry teacher, Barbara Olson, surprised him with a visit at the event.

Just last summer, Eric spent a couple of hours with a group of high school students in the shuttle simulators at Johnson Space Center (JSC). The students were part of the LINKS (Linking Ideas and Networking Kids with Science) outreach program at Fernbank. Their teacher, Dr. Debi Huffman, was also Eric's teacher in the Up, Up and Away class when he was twelve. After leaving JSC, the students visited the Kennedy Space Center (KSC) where they had a tour of the Orbital Processing Facility. Space Shuttle Endeavour was being processed for its flight to the International Space Station (ISS). Eric had preceded our visit by a day, and it was exciting for the students to be able to follow his mission preparation in such a personal way. While at the KSC they saw the

launch of STS-124 and toured Launch Pad 39B. These students share a common interest in aviation, science and engineering with Eric. He gave them an experience they will remember for a lifetime.



*The STS-126 Crew and ISS Crew*

Last summer, Eric also met with a group of 200 Delta Dream Flight students from Atlanta who were visiting the Johnson Space Center (JSC). He took time to spend a few minutes with them to answer questions before having to leave on a training flight.

Knowing that Eric would likely achieve his goal of becoming an astronaut, when he was in my class, I told



*A landing to be proud of...*

him that I expected to be on his launch guest list. Thirty-one years later, he delivered on that promise! Not only did I attend the launch, but I will also attend the landing. As a teacher, I cannot remember a finer moment than watching Endeavour liftoff on a beautiful star-filled, full moon evening, with Pilot Eric Boe on board!

Fernbank hosted over 600 enthusiastic people in the Planetarium for a STS-126 Launch celebration. Plans are underway for post-launch visits to the Atlanta area. As details are confirmed, they will be on the Fernbank Science Center web site, [www.fsc.fernbank.edu](http://www.fsc.fernbank.edu).

Have a blessed holiday.

Blue Skies!

Debi ☺



## Around the World with Steve Ashby - In an RV-8A

Our program for the January 3, 2009 Pancake Breakfast will feature long time EAA Chapter 690 member Steve Ashby. Steve first fell in love with flying at age 9, when he would sneak away from his home on summer days to walk to Peachtree DeKalb airport (7 miles away) to hang on the fence to watch Piper Cubs and Cessna 150s do "touch and goes." Many years later, after law school, Steve obtained his private license while living in Brunswick, Georgia. Steve first got the airplane building bug after being invited to give a speech on aviation law to Chapter 690 at its old headquarters at Stone Mountain Airport. He joined the chapter that night, and has been a member ever since.

Three years ago, Steve turned 50, shortly after experiencing what he describes as a "cardiac adventure" in which he underwent three cardiac cath operations in one week and left the hospital with two stents in his heart. Steve was wondering if he would

ever get his medical back, but his wife, Vicki, had no doubt. She threw a surprise 50th birthday party for Steve and instructed guests to bring no presents, but instead they could contribute to a "rivet fund" to help start him on his lifelong dream to build an airplane. At his party, Steve received a homemade card with a photo of a Vans RV-8 and a healthy check, enabling him to purchase the entire tail kit for his project.

Flabbergasted by the faith of his wife and the generosity of his friends and family, Steve knew that this would be no ordinary basement project. Shortly after he began building, Steve formulated the ultimate goal of flying his homebuilt plane around the world. In the intervening years of construction and planning, Steve has researched the logistical challenges of world flight and will share those with us on January 3. He will also review the short history of homebuilt world flight as well as the joys of construction of a Vans RV-8A aircraft.

### A Big "Thank You!"

By Steve Hurst

I recently had a planned surgery that was going to have me at home recovering for a week or more. The prospect of a week of television was grim until I thought of looking at the EAA 690 library. There I found enough videos and books to keep me occupied for a year. The EAA library has a liberal checkout policy and no short time limit like our local video store. I set the stage and was set for an enjoyable recovery with the withdrawal of a large box of VCR tapes, DVDs, magazines and books.

My wife Terry came home from work and found the living room reverberating with the sound of radial engines and she swears she could smell hot engine oil. She found the instruction tapes boring, I actually learned a lot. The old flying movies were a special treat. Terry did enjoy the movies of private plane trips to Alaska, the Bahamas and other exotic places. The list of "we must go there" places now exceeds our available vacation time. To all those who donated this wonderful material,

a big THANK YOU. (Editors Note: And a special thanks to Laura Bishop, Jeanne Ferguson and the other volunteers who spent many hours organizing and cataloging the library.)

The EAA 690 library is a wonderful resource, however it could be better. Do you have anything to donate? The library lives on your donations. My back copies of IFR and Aviation consumer as well as some of my flying books and movies now reside on the shelves. Most of the video material in the library is on VCR tapes. Many families have gone completely to DVDs. The library could really use a simple tape player to loan out. It would be great to get the most valuable tapes onto DVDs. Does anyone have a video tape to DVD transfer program?

Check out the EAA 690 library, it is hidden upstairs at the chapter hangar. Some members I have talked to did not realize we have a library. When you do your next BFR or IPC, the instructional materials are there for you. Come up and visit, the public library has a nice couch - but ours looks out onto the runway at Lawrenceville.



## Sport Aviation Specialties

1512 Game Trail, Lawrenceville, GA 30044, 904-206-0522, FAX: 866-906-9897, [www.sportaviationspecialties.com](http://www.sportaviationspecialties.com)

### SPORT AVIATION SPECIALTIES LAUNCHES ONLINE LSA COURSE FOR A&P MECHANICS

Nov 25, 2008- Lawrenceville, GA—Sport Aviation Specialties announced the launch of a new online course to introduce existing A&P mechanics to the unique maintenance and inspection requirements for light-sport aircraft (LSA).

The one-day course, which is conducted via video and audio conferencing over the Internet, is aimed at A&P mechanics who may have been reluctant to offer LSA maintenance and inspection services, based on a lack of knowledge of the rules, the equipment, and potential pitfalls.

Maintenance and inspection requirements for LSA are considerably different than for the type-certificated

standard-production aircraft A&P mechanics are used to dealing with. The course provides a detailed grounding in all the information A&Ps need to add LSA maintenance and inspection to their service offerings.

Because the course is conducted over the Internet, participants do not have to travel to remote locations, thus saving time, gasoline, airline tickets, hotel, and other travel expenses.

For more information, contact Sport Aviation Specialties at 904-206-0522 or [sportaviation@gmail.com](mailto:sportaviation@gmail.com) or visit our website: [SportAviationSpecialties.com](http://SportAviationSpecialties.com).



## Navy Carrier Pilotless Bomber & Recci Stealth Aircraft [News Plus Photos]

Posted : Friday Dec 19, 2008 15:04:32 EST

Thanks to Punchy Powell for forwarding this article.

PALMDALE, Calif. — The Navy's plan for its future carrier air wing took a leap into autonomous flight on Tuesday with the unveiling here of a stealthy, bat wing-like unmanned jet.

Dubbed Air Vehicle 1, the X-47B aircraft is the first of what will be two demonstration aircraft built by Northrop Grumman Corp. It was designed to test the idea of an autonomous airplane that would launch and recover on Nimitz-class aircraft carriers and conduct strike and other missions — without the hands-on controls of an onboard pilot.

The X-47B unmanned jet, the first to launch and recover aboard Nimitz-class aircraft carriers, would strike targets and do aerial reconnaissance, surveillance and time-sensitive targeting — all without a pilot aboard. Officials unveiled the single-jet, cockpit-less aircraft, one of two known as Unmanned Combat Air Systems-Demonstration, or UCAS-D, during a Tuesday ceremony at Northrop.

Hundreds of workers joined military and company officials in a hangar at Northrop Grumman's Palmdale site for the official "unveiling" ceremony, where guests got a close-up look at an aircraft — the Unmanned Combat Air System-Demonstration, or UCAS-D — that only two months ago wasn't yet assembled.

The X-47B's bat wing shape takes a page from the Air Force's B-2 stealth bomber, which Northrop Grumman designed and built, then in secret, at this desert location north of Los Angeles.

"This will be the airplane we'll be flying next year," Scott Winship, UCAS program manager and Northrop Grumman vice president, told reporters before the ceremony.

Engineers will put the aircraft through a series of proof tests here and at nearby Edwards Air Force Base, Calif., and will conduct its first flight before the aircraft heads east to Patuxent River, Md., in November 2009 for a year of additional testing and the official "roll out" ceremony. "We've still got a long way to go," said Gene

Fraser, deputy vice president for Northrop Grumman's Integrated Systems-Western Region.

That includes the important shipboard trials, which will test the aircraft in the harsher, less forgiving and busy environment of a carrier in the open ocean. Program officials plan to conduct sea trials and the first flight aboard an aircraft carrier in November 2011, an event set to mark the 100th anniversary of naval aviation. The aircraft carrier Truman will likely get the nod as the first to host and operate the aircraft at sea, said Capt. Martin Deppe, the Navy's UCAS program manager.

Winship said the advent of the aircraft "signals a sea change in military aviation."

The carrier-based aircraft will provide commanders with an airplane that can be launched farther at sea, and without a

pilot, the aircraft can fly distant missions and loiter over a target or combat zone much longer than what a human pilot and aircrew can safely do.

"This airplane is flying alone," Deppe noted.

Officials said the X-47B was designed for autonomous aerial refueling by both naval tankers, which use the probe and drogue system, and Air Force tankers, which refuel with a boom and receptacle.

Northrop Grumman, which last year won the Navy's \$635.8 million contract to build the two X-47B aircraft, leads an industry team building the single-engine aircraft, which is designed with landing gear and an arresting hook for carrier catapults and launches and foldable wings for easier stowage.

The jet's twin weapons bays will hold a pair of 2,000-pound Joint Direct Attack Munitions, or guided bombs, for strike missions.

But it also will be outfitted with various systems and sensors that would expand its capabilities to include time-sensitive targeting and intelligence, surveillance and reconnaissance missions.

Navy officials hope to ultimately outfit and deploy the first unmanned combat squadron by 2025, when the unmanned airplanes would operate from carrier flight decks alongside the Joint Strike Fighter jets.

By Gidget Fuentes - Staff writer



PHOTO COURTESY NORTHROP GRUMMAN



World of  
Flight 2009

New EAA  
Calendars in  
AeroShopee

We have 6 calendars left at \$11.

Retail from Oshkosh is \$12.99 + S&H

Join us at the January meeting, when we will present the annual Member of the Year Award. The 2008 winner was selected at the December meeting - by secret ballot - as is customary.

NOTICE: If you aren't getting the NavCom and Chapter NOTAMs, please send your current e-mail address to Joel and Lnor.

[jlevine@bellsouth.net](mailto:jlevine@bellsouth.net)

[lnor\\_l@bellsouth.net](mailto:lnor_l@bellsouth.net)



# WELCOME NEW MEMBERS

...and Returning Members,  
and New Student & Family Members too!

Jim Argo, Jr.	Mike Huffman
Genie Argo	Vishvender Korukonda
Cindy Blythe	Skye LaValley
Michael Blythe	Jim MacGregor
Pat Bratton	Linda MacGregor
Todd Burnette	Bobbie McElroy
Henry Camp	Jim McElroy
Gaye Nann Carter	Doris Morrison-Page
R. Michael Carter	Maciah Nafziger
Bryan Conley	Aurora Peck
Michael Davidson	Norman Peck
Laurent deGive	Leigh Roberts
Barbara Epstein	Barry Smith
Randall Epstein	Jim Styring
Randy Gernert	Gary Thompson
William Helmandollar	Alan Wells

## Young Eagles Report

By Duane Huff, Chap. 690 YE Coord.  
YE Coordinator of the Year 2007



Chapter 690 Young Eagle (YE) Rallies are held regularly on the third Saturday of the Month. Our next YE Rally is scheduled for Saturday, January 17th.

For info or to volunteer, contact Greg Jannakos at [gpiann@juno.com](mailto:gpiann@juno.com), Duane Huff at 770-962-3117 or [duanehuff@yahoo.com](mailto:duanehuff@yahoo.com) or Jeanne Ferguson at [imarief@bellsouth.net](mailto:imarief@bellsouth.net).

## Scholarship Application Deadline Approaches

Chapter 690 is again offering tuition scholarships to the EAA Air Academy in Oshkosh. Application requirements and forms are in the November issue of the NavCom (Pages 5-7). The completed application is due by February 28th.

For young people ages 12-18, the EAA Air Academy is a unique summer camp that takes their interest in aviation to the next level. Participants spend a week at the purpose-built Air Academy Lodge in Oshkosh, completely immersed in the thrilling world of aviation.

For more information on the Air Academy program, please visit their web-site at [www.airacademy.org](http://www.airacademy.org) or call 1-888-322-3229.

## Online Aviation High School Courses



EAA is excited to announce a special discount on their AeroScholar courses. Now through January 31st, they are offering a 25% discount, reflecting over \$100 in savings on each course.

AeroScholars is a unique program that consists of two in depth on-line aviation courses that teach high school students aviation science, history and regulations. Students can earn up to six college credits from Utah Valley University, a leading aviation institution. EAA AeroScholars prepares and certifies students to take the FAA Private Pilot Written Exam.

For more information on the program, please visit [www.aeroscholars.org](http://www.aeroscholars.org). To receive the limited time discount, or if you have any questions regarding AeroScholars, contact Michelle Robbins at 1-800-565-6322 or [mrobbins@eaa.org](mailto:mrobbins@eaa.org).

## EAA e-Hotline

### on the Flightline

From Vol. 8 No. 55

### DAA OFFERS LSA COMPARISONS

Downing Aviation Associates (DAA), which specializes in providing consulting and contract services for business, general aviation, and regional aircraft clients, is offering compilations of manufacturers' data and tailored analyses of light-sport aircraft (LSA). The study results are designed to assist OEMs, individuals, training schools, and businesses seeking impartial comparative information on the broad list of LSA. To learn more, visit [www.DowningAviationAssociates.com](http://www.DowningAviationAssociates.com) (LSA Store).

### A New Assistant Chief Pilot

Congratulations to Ernie Schnaak, Assistant Chief Pilot for the Flight School of Gwinnett. On October 23rd Ernie took his check ride with the FAA. The Exam had about 2 hrs oral and about the same flying. Ernie said that he actually enjoyed the ride!



# EAA e-Hotline

From EAA e-Hotline of December 4, 2008

## EAA Strongly Opposes Vegas Airports Resolution

### EAA Opposes Dangerous Precedent

**Nevada County wants local control of civilian airspace** - Nevada's Clark County Board of Commissioners unanimously approved a resolution on Tuesday, December 2, calling on the state's Congressional delegation to introduce legislation that would essentially remove federal authority over the nation's civilian airspace. The county's director of aviation, Randall H. Walker, petitioned the board in response to recent fatal airplane crashes in the vicinity of North Las Vegas Airport (VGT). Meanwhile, EAA's regulatory-affairs representatives are in discussions with key federal lawmakers aimed at warding off the threats to airspace access, and the safe and orderly management of civilian air traffic, that the Clark County proposal would present.

To read more, copy and paste:

[www.eaaonline.org/ls.cfm?r=23767861&sid=5380223&m=619371&u=ExAA&s=http://www.eaa.org/news/2008/2008-12-03\\_vegas.asp](http://www.eaaonline.org/ls.cfm?r=23767861&sid=5380223&m=619371&u=ExAA&s=http://www.eaa.org/news/2008/2008-12-03_vegas.asp)

From News & Views

December 12, 2008

## EAAers CONCLUDE RECORD 'DASH FOR LIFE' FLIGHT

CarolAnn Garrat (EAA 673442) and Carol Foy (EAA 258216) landed safely at Orlando International Airport (MCO) to completed their flight around the world to benefit ALS (Lou Gehrig's Disease). The Orlando Sentinel reported on Thursday morning.



The flight took them 8-1/2 days, which established an unofficial speed record for a single-engine airplane. The two pilots, who made the flight in a Mooney M20J, departed Orlando on Tuesday, December 2, and made refueling stops in California, Hawaii, Guam, Thailand, Oman, Djibouti, Mali, and Cape Verde.

The around-the-world flight, named "Dash For A Cure," raised nearly \$150,000 for ALS research. To read their flight log or to help support their cause, visit [www.ALSworldflight.com](http://www.ALSworldflight.com).

## FLYING eNewsletter

Edited by Mark Phelps

From Flying eNewsletter – December 4, 2008

### Airbus to Fund Phase Two of Air & Space Museum Udvar-Hazy Center

On Tuesday, the Smithsonian Institution announced Airbus has agreed to fund development of Phase Two of its Steven F. Udvar-Hazy Center at Washington Dulles Airport. The new building will house "behind-the-scenes" efforts to preserve the Smithsonian's collection of some 60,000 aircraft, spacecraft, artifacts and archival material.

### Astronaut Develops Zero-G Coffee Cup

International Space Station flight engineer Don Pettit used free time on his last trip into space to develop a

coffee cup from which he can sip his brew in the conventional way without resorting to a straw.

### NASA Study Examines Brain Activity of Pilots Under Stress

Using a full-motion simulator and the latest in brain-wave imaging technology, a NASA biomedical engineer is studying the effects of stress and overload on pilots. Fifteen volunteer airline pilots are participating in the study, which is conducted at NASA's Glenn Research Center in Cleveland. It is designed to measure the pilots' blood-oxygen concentration and its flow to the brain's cortex. The study's results are expected to establish a noninvasive and practical method of measuring neural activity. Once the measuring parameters can be set, the testing methods can be used to establish stress levels associated with excessive workload in the cockpit and the effects of stress, fatigue and distraction on a pilot's ability to handle multitasking.



### Notifying The FAA of A Change of Address

By Greg Reigel, Reigel and Associates  
December, 2008 All rights reserved.

The FAA wants to be able to track you down. Why? Aside from the obvious compliance and enforcement reasons, the FAA also wants to keep airmen

informed of seminars (e.g. Wings programs, etc.), to request input from airmen regarding local issues (e.g. airspace design, airport closure etc.) and to provide airmen with any other aviation safety information it feels is beneficial or necessary.

To read more, including consequences of non-compliance, go to:

[www.globalair.com/discussions/legal\\_services/article.asp](http://www.globalair.com/discussions/legal_services/article.asp)



**Gwinnett Experimental Aircraft Association**  
Chapter 690  
Lawrenceville, Georgia

**MEMBERSHIP PROFILE**

Date \_\_\_\_\_  
Sponsor \_\_\_\_\_

**Please Mark Appropriate Boxes:**

☐ New Member      ☐ Renewing Member      ☐ Spouse of Member      ☐ Data Change

**Chapter Membership Year:**

**January – December**

Annual Dues Amount:      Single Membership \$30      Family Membership \$40  
After July 1st:      Single Membership \$15      Family Membership \$20  
New – Chapter 690 Student Membership:      Student Membership \$10

**Remittance Address:**

Cliff Aiken  
4132 Atlanta Hwy.  
Suite 110-107  
Loganville, GA 30052

Name \_\_\_\_\_  
Address \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_  
Home Phone \_\_\_\_\_ ☐ Unlisted      Work Phone \_\_\_\_\_  
E-mail \_\_\_\_\_ Cell Phone \_\_\_\_\_  
Occupation \_\_\_\_\_ Company \_\_\_\_\_  
Spouse's Name \_\_\_\_\_  
Children's Names and Ages \_\_\_\_\_

National EAA # \_\_\_\_\_ Expiration Date \_\_\_\_\_ Member Since \_\_\_\_\_  
Pilot Certificate:      Student ☐      Private ☐      Commercial ☐      ATP ☐      Instructor ☐  
Ratings:      Instrument ☐      Multi-Engine ☐      Sea Plane ☐      Glider ☐      Helicopter ☐      Balloon ☐  
Year & Type Aircraft \_\_\_\_\_  
Based At \_\_\_\_\_ Registration Number \_\_\_\_\_  
Project \_\_\_\_\_  
A/C Skills / Experience \_\_\_\_\_

Other Hobbies & Interests \_\_\_\_\_  
Remarks \_\_\_\_\_

EAA Offices, Committees & Dates \_\_\_\_\_

Other Organizations / Memberships \_\_\_\_\_

**Please Note:** The NavCom, monthly newsletter of Chapter 690 is now distributed by e-mail to save postage costs.  
Please let us know if this will not work for you –

I prefer to download the newsletter from the Chapter web-site ☐

*Please Do Not Write Below This Line*

**CHAPTER RECORDS**

Amount of Dues Paid: \_\_\_\_\_ Date Paid \_\_\_\_\_ Payment Method \_\_\_\_\_

☐ Entered into DataBase      ☐ Added to Mailing Lists      Chapter Member Since \_\_\_\_\_

Year	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Amount										
Date										

Year	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Amount										
Date										



## Classifieds

Members ads run for 3 months. If you would like to continue the ad for an additional 3 months you must request it through the editor by e-mail, snail mail or phone call. This limit is set to keep the ads current and effective. Ads will be dated with month and year at the time of submission or renewal.



Mark your calendar - You won't want to miss out on any of Chapter 690's meetings and activities.

Our regular 1st Saturday Pancake Breakfasts feature aviation programs or activities. Our meetings, on the 2nd Friday of each month, include programs on a variety of topics.

## FOR SALE

Standard Cessna Jumper Cables with bag. They have a 3 pin plug on one end and alligator clips on the other end. List \$169.95 Used once. \$125

Pilot Portable Four Place Intercom. List \$189.00 New in box \$125

Turf Tie Down Set: 3-15" steel screw-in anchors with 2 sets of tie down ropes, Never Used. \$25

Contact Chuck Throckmorton  
404-875-4273 or 678-427-0109

## Visit the EAA 690 AeroShopper

Chapter Logo Items - Shirts, Hats, Vests  
Embroidered Patches, Hats, Vinyl Stickers  
Etched Tempered Glass Mugs.  
Oil Analysis Kits - Only \$12

## For Sale: 1 1/2 KR-2 Projects

Complete KR-2 in boat stage on Tri Gear. Plus 1/2 KR-2 tail gear parts, main gear, tail wheel & spring, 6 wing spars, wing mount hardware, etc. Plus Rev-Master Engine 0 SMO & New Heads, HAPI 1834 NEW, and Mosler 1915 cc Longblock.

Philip Loux Cleveland, GA 706-892-7527  
60% of New Price Delivery Available

## FOR SALE



COMPLETE SET OF 3 MEYER A-5 JACK W/ AT-1. Includes 5 tubes...  
Extremely good condition used by private individual ONLY!

\$900.00 Firm.

Contact Sue Adams 770-344-9345  
E-mail: msadams1@mac.com 10/08

## Commercial Ad Rates

### Business Card Size:

\$10 / Issue  
\$25 / 3 Issues  
1/8 Page:  
\$15 / Issue  
\$40 / 3 Issues  
1/4 Page:  
\$25 / Issue  
\$60 / 3 Issues

Support our Advertisers!

## A Cessna 172E 1964 Model

New paint, new interior, 2 KX 170B radios and a Lorain Long range navigation, new intercom.

Engine has 1350 hours, aircraft total time 3000 hours. Asking \$32,000

Lewis W. Jones 770-460-0517  
8/08



4 SALE -  
1/5 SHARE IN C-172  
GREAT PLANE  
BASED LAWRENCEVILLE  
(KLZU)

IF INTERESTED CONTACT  
FRANK

770 923-6149 or  
770 309-2703 08/08



## FOR SALE BIKE RACK

New  
Condition!

Accommodates 3 bikes in 1-1/4" and 2" hitch sizes.

Adjustable pivoting anti-sways and hold-downs keep bikes stable and secure. QuickTite knobs make the arms easy to fold. Tilting base with HitchTite creates a solid, stable connection between T-RAX and your vehicle. \$150.00

Contact Sue Adams  
770-344-9345 10/08

## WINGS & THINGS

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Chapter 690  
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for Lease  
50' x 20' Hydraulic Door  
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T-Hanger Reservations

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## T-Hanger (C-13) Available at LZU

10/08

Kye Wehrell, Architect  
Hug & Associates, LLC

678-297-2929 or [kwehrell@hugarchitects.com](mailto:kwehrell@hugarchitects.com)

## FOR SALE:

5 AC LS-47 spark plugs, 3 Bosch Z45T4 plugs, a BG "Hornet" Aviation Plug, in an unopened box.

Lodge BR39 plug in its original tin box, two Champion 244 plugs in their original boxes, two Bendix 597 04114 plugs, a Champion HO14 plug and a USN AN BG 4B2-US plug.

The plugs are all new, some are in unopened cylinders, the others are loose but new.

Windshield sunscreen for a Cessna C-177

Contact Meade Duckworth: 770-891-4599

10/08



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FAMILY OWNED & OPERATED

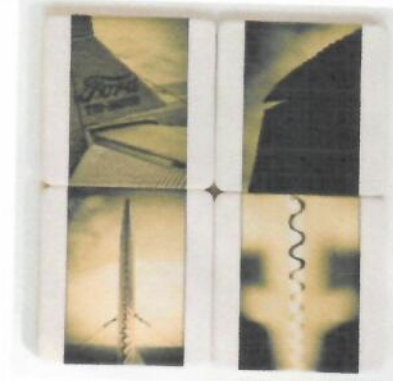
[www.alltireandbrake.com](http://www.alltireandbrake.com)

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Another great gift idea from John Slemp – High quality 4.25" sq. ceramic coasters with some of John's great photos – \$28 / set of 4. See more coaster sets at [aerographs.com](http://aerographs.com)

### The Chapter 90 AeroShopper

is a great place to find some unique & high quality gifts.

Gift cards (sets of 8) and ceramic coasters (sets of 4) featuring aviation photography by our own John Slemp.

Signed, hand colored (suitable for framing) prints of the B-17 by local artist Bill Eyke, III.

See Lnor Levine to order high quality shirts, vests and jackets with our chapter logo.

**Monthly Pancake Breakfast**  
**EAA Chapter 690**  
**Lawrenceville Airport**  
**8:00 to 10:30 AM**



*first Saturday*

**Free Programs**  
**Start at 10:30 A.M.**

**Tentative Schedule –**

**Feb 7th - LZU Tower Operations / Relations**  
 by Jerry Poole

**Mar 7th - Michael Birmingham of Tecnam Aircraft**

**Apr 4th - Presentation on US Coastal Patrol**  
 (Precursor to CAP)

See the NavCom and check the Chapter 690 web-site ([www.EAA690.org](http://www.EAA690.org)) for updated info on programs and events scheduled for our upcoming First Saturday of the Month Pancake Breakfasts – and for activities like our Chili Cook-Off and Poker Run.

**NavComs are Bouncing Back** – From temporarily full mailboxes – or from old addresses. If you did not receive your NavCom – please contact Lnor Levine with updated info: [LNOR\\_L@BELLSOUTH.NET](mailto:LNOR_L@BELLSOUTH.NET) or 678-770-1877.



P-51 MUSTANG





# NavCom

## Newsletter of EAA Chapter 690

Editor: Lnor Levine  
1340 Nerine Circle  
Dunwoody, GA 30338



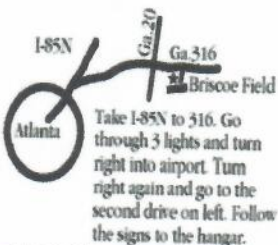
Place Stamp Here

## Come Join Us!

Regular monthly meetings —  
On the 2<sup>nd</sup> Friday of every month  
(except for August's Post  
Oshkosh Bash). In the Chapter  
Building at 8:00 p.m. Hangar  
flying before & after!

Pancake Breakfast and Aviation  
Program or Activity — On the  
1<sup>st</sup> Saturday of every month, in  
the Chapter Building.

Breakfast served 8:00 - 10:30 am



## JANUARY MEETING

Come to the January 9th  
program by Carlton Joyce -  
"In retirement," Carlton is the  
tour director and lecturer for  
battlefield tours to France,  
Germany, Belgium, Holland,  
Italy and North Africa.

Visit the EAA 690 Web-Site at [www.eaa690.org](http://www.eaa690.org)

## Take a Chance – or Two!

Two Raffle Opportunities –  
A Chance to Win Two Fantastic Prizes & Help  
Chapter 690's Scholarship Funds

Raffle tickets can be purchased at the January meeting  
the January Young Eagle Rally and the Pancake  
Breakfast.

Raffle 1 - \$10 will get you a chance to win 2 tickets from  
Wings Air. Valued at \$633 each, these tickets are good for  
a trip anywhere on their USA routes. The Prize drawing for  
this raffle will be held at the February 13th Chapter  
meeting.

Raffle 2 – A limited raffle – With a maximum of 400  
chances at \$5 each. John Slomp has donated a beautiful  
framed print (on display in the hangar) for our second raffle.

## 2009 Chapter Dues are Due

Chapter dues are due on January 1st. They can be paid  
at meetings or mailed to Membership Chairman Cliff  
Aiken at: 4132 Atlanta Hwy., Suite 110-107, Loganville,  
GA 30052. Please, if you did not complete a  
membership profile form with your 2007 or 2008 dues  
payment, include one with your 2009 dues and update e-  
mail, address, phone number and any current project  
or flight certification info. (See page 9.)

Annual Chapter dues are \$30 for a single member, \$40  
for a family membership, and \$10 for a student  
membership. Checks should be made to EAA Chapter  
690.

To encourage prompt payment of Chapter 690 dues, we  
are holding a prize drawing at the January meeting. All  
chapter members who have paid their 2009 dues by the  
January 9th meeting are eligible. You must be present to  
win!

## CHAPTER BADGES & HANGAR KEYS

Chapter members may  
purchase badges and keys  
at meetings. Please see  
Duane Huff to order badges,  
and Dennis Crosgrove to get  
a hangar key.

## GATE ACCESS CODES CHANGED

Gate access codes will be changed on  
Friday, January 2, 2009. **Note:** The  
security of the new codes is dependant on  
the airport tenants. Please do not share  
the gate codes with people that do not  
have a "need to know" the code. Chapter  
members may contact Joel Levine at  
[jlevine@bellsouth.net](mailto:jlevine@bellsouth.net) to get the new  
codes.

## CHAPTER 690 MINUTES POSTED ON WEB-SITE

Minutes from the Chapter's  
meetings will now be available  
on the Chapter's web-site.  
Chapter members are asked to  
please visit [www.eaa690.org](http://www.eaa690.org) to  
review meeting minutes.