NavCom

AUGUST 2017

News and information for Chapter 690 of the EAA Experimental Aircraft Association, Lawrenceville, GA - LZU



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Pancake Breakfast Fly-In

Next event Sept. 2nd. 2017 Breakfast begins @ 8:00AM

Chapter Business Meeting

Next Event Sept. 8th. 2017 7:30 PM-10:00 PM

Young Eagles

Next event Sept. 16th.. 2017 8:30 PM—12:00 Noon

The Presidents Pitch

By Randy Epstein



Youth, Youth and More Youth

The youth program within the chapter continues to grow and be successful. With that come things that need to be handled as we move forward. We currently have three projects underway and a fourth in the wings. The Ultra-Lite Pietenpol has wings attached and is really beginning to look like an airplane at this point. There is still a lot of work to be done, but the end is clearly in sight.

The full size Pietenpol is in the beginning stages and wing ribs are getting to the stage of sanding and finishing. A lot of hard work will go into getting the ribs to a point of being varnished. It doesn't seem like that long ago that we were at this stage with the Ultra-Lite Piet.

We recently began construction of the BD-6, donated to us by the Bede Family Foundation. We've spent a couple of weeks now rough cutting many pieces and will continue to do so for a few more weeks. We should soon be ready to finish some of the parts and begin some assembly.

The fourth project is the Corvair engine. It is to be built and turned into a cutaway for teaching purposes. We've cleaned up the parts and inventoried what we have and what we need. Once we purchase some parts we can get started with the assembly process. We'll probably use the bead blaster to clean up what we have a bit more before we begin the assembly process.

We have 14-15 youth showing up on a regular basis and are truly in need of additional adult assistance. In many cases the help we need is not strict technical help in guiding the projects but help to look over some shoulders and make sure no one is going to hurt themselves and they remain on task. If you can give us a Saturday or two a month we would surely appreciate it very much. We meet nearly every Saturday from 9:00 am – 1:00 pm. Either let me know you would like to help by emailing me at randy.epstein@eaa690.net or just show up on a Saturday. (Continued on Page 4)



UPCOMING AVIATION EVENTS



Chapter Events

Have you been missing out? EAA 690 Chapter members, bring a friend and join us.



Pancake Breakfast & Program

The first Saturday of every Month Next event Sept. 2nd. 2017 Serving 8:00-10:00 AM (see page 3)

Chapter Business Meeting & Program

The second Friday of every Month Next Event Saturday Sept. 8th. 2017 7:30 PM—10:00 PM





GARS Meeting (Gwinnett Amateur Radio Society)

The second Tuesday of every Month Next event Sept. 12th. 2017 7:00 PM—9:30 PM



The third Saturday of every Month Next event Sept. 16th. 2017 8:30 PM—12:00 Noon (see pg. 4)





Monthly Youth Ground School

Watch for EAA 690 Notams announcing future Youth Ground School Schedules

Upcoming Events cont.

EAA 690 September Pancake Breakfast

Bring Your Plane and show off along side the Georgia Street Rod Association Saturday Sept. 2nd

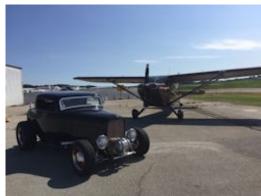
This months presenter:

Doug Mills, Vice President of the Georgia Street Rod Association will be our guest speaker and host for a wings and wheels event. Doug is a business consultant that specializes in sales and marketing. Doug has an engineering degree from University of Illinois and an Undergrad degree from Western Illinois University, he has held management positions with various companies, such as Zeneca, Dupont and Schneider Electric and has a lifelong love of anything mechanical, especially airplanes, cars and motorcycles. At present, Doug is the Vice President of the Georgia Street Rod Association and drives a 1967 Austin Healey and 1932 Ford Roadster and has 27 motorcycles scattered about the house. They make great lamps!

About the Georgia Street Rod Association:

The GSRA is one of the oldest street rod, specialty ride and custom car associations in the USA. It was formed in 1976 by members of a number of car clubs to address legislative, insurance and safety issues facing the automotive hobby .

GSAR's current president is Mr. Richard Torch, a member since 2002. Richard was President from 2007-2009 and has been the President since 2011. He drives a 1936 Nash Ambassador street rod and has been from Florida to New Brunswick, Canada and all points in between.



The GSRA continues to promote the car hobby in general and is open to all walks of life. All you need is a healthy interest in automobiles. You don't have to own a car. Family members are welcome at all our events and many of them volunteer their time to help with the charity car shows, swap meet, picnic and other GSRA activities along side GSRA member volunteers.

GSRA members have all sorts of automobiles - stocks, street rods, specialty rides, trucks, motorcycles, and custom cars. All years, makes and models are welcome. We have monthly meetings and events. We conduct business and vote a Car of the Month. Everyone has an opportunity to talk with new and old members and tour the auto related business that is hosting us that month.





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Young Eagles

Sept. 16th. 2017

Ground Crew Needed

We have had a shortage of ground crew, plane loaders and safety folks at some recent Young Eagle events. If you are available and want to help please come out and lend a hand. Everyone is welcome!

For more information contact Duane Huff, email duanehuff@yahoo.com

Presidents Pitch Continued:

One thing you have to watch out for is finding out that you enjoy helping these young folks learn more about aviation and watching them learn things that they may have never imagined. It is quite rewarding to see them soak up the information and dig right in when making parts, cutting metal, cutting wood, gluing up wing ribs or just about anything we do.

One other area you might be able to help is flying some of these young folks. We keep completed Young Eagle applications on hand for most of them. If you can fly on a non Young Eagles Saturday just let us know and we'll fix you up. You can see the progress these young folks have made since the beginning by going to the youth site at youth.eaa690.net.

We've noticed that we have members that like to visit hangar #6 when a youth session is in progress. We certainly welcome these visits as it builds more awareness of the program within the chapter. What we would ask of you is to not engage any of our mentors in conversation. They are busy working with the youth and making sure they are safe and your distracting them from that task is not helpful. If you would like to assist as a mentor or mentor helper just let us know and we'd be glad to have you as a part of the program. Thanks for your assistance with this.

Changing subject, Duane as many of you know does airport tours for young people of elementary school age. He sends me the information which I include in my monthly report to the airport authority. In June Duane, with the help of John Morrow had six (6) groups with 113 students and 21 adults. In July there were five (5) groups with 70 students and 13 adults.





We will have chapter elections in November at the Breakfast. We have contacted folks about being on the ballot for slots but are still open to anyone that wants to run for any open position we have. We will elect a President, Vice-President, Treasurer, Secretary and two members of the Trustees. If you would like to be on the ballot for one of these positions please let someone on the board know of your interest.

Senate Appropriators Reject Air Traffic Control Privatization

Include NATA-Supported Provisions To Enhance Safety And Regulatory Consistency

Reprinted from AERO News Network "Propwash" 8-1-2017

The Senate Appropriations Committee late last week approved the Fiscal Year 2018 Transportation, Housing and Urban Development funding bill, providing the Federal Aviation Administration with \$16.97 billion in total budgetary resources for the fiscal year beginning on October 1st. The legislation rejects the Trump Administration's proposal to privatize the nation's air traffic control system and provides \$1.1 billion for FAA's Next Generation Air Transportation System (NextGen), and additional resources to fund airport improvements. The legislation also includes provisions sought by NATA on behalf of the aviation business community.

"NATA commends Senate Appropriators for rejecting the Trump Administration's proposal to privatize the nation's air traffic control system," said NATA president Martin Hiller in a prepared statement. "The Committee-approved legislation continues to demonstrate the lack of necessity for ATC privatization, giving the FAA nearly \$900 million more than the Trump Administration requested, including over a billion dollars to support the FAA's ongoing NextGen modernization program."

"We also thank the Committee for its inclusion of Senator Jerry Moran's (R-KS) amendments on behalf of aviation business to enhance Part 135 safety and regulatory consistency. The amendments direct the FAA to determine and collect additional data points to better assess safety trends and identify areas for potential improvement within the on-demand air charter community; and complete work on the top recommendation of the agency's Regulatory Consistency ARC, an electronic guidance library that eliminates outdated or conflicting policies. NATA and the entire aviation business community is deeply indebted to Senator Moran for his continued support, including his unwavering opposition to ATC privatization," Hiller continued.

"NATA is also appreciative of Chairmen Cochran (R-MS) and Collins (R-ME) and Ranking Members Leahy (D-VT) and Reed (D-RI) for their ongoing commitment to general aviation. The additional resources the Committee provided the FAA will keep air traffic control modernization on schedule and offer airports the first funding increase for infrastructure in seven years. This is a solid, comprehensive piece of legislation benefiting the entire aviation community, and we look forward to its speedy consideration by the full Senate," Hiller concluded.

(Source: NATA news release)

Aero-News Quote of the Day

Reprinted from AERO News Network "Propwash" 8-1-2017

"NATA commends Senate Appropriators for rejecting the Trump Administration's proposal to privatize the nation's air traffic control system. The Committee-approved legislation continues to demonstrate the lack of necessity for ATC privatization, giving the FAA nearly \$900 million more than the Trump Administration requested, including over a billion dollars to support the FAA's ongoing NextGen modernization program."

Source: Prepared statement from NATA president Martin Hiller.

WORDS

"There exists in the world a single path along which no one can go except you: whither does it lead? Do not ask, go along it."

Friedrich Nietzsche, philosopher

USAF Wants Authority To Down Drones After F-22 Near Miss

Reprinted from Aviation Week Network 7-12-2017 By: Lara Seligman | Aerospace Daily & Defense Report

In early July, an F-22 Raptor pilot coming in for a landing just barely avoided colliding with a small, commercial unmanned aerial system (UAS). That same week, a base security guard watched another tiny drone fly onto the complex and over the flight line before heading back out.

In neither case did the airman have the legal authority to shoot down or otherwise disable the drone.

As drone technology becomes cheaper and more commercially available, the U.S. Air Force is increasingly

worried about the threats posed by small UAS such as quadcopters. But while the service is developing the tools to defend against these systems from jamming their electronics to shooting them down, it lacks the legal authority to use them, says Gen. James Holmes, commander of Air Combat Command.

"Imagine a world where somebody flies a couple hundred of those, and flies one down the intake of one of my F-22s with just a small weapon," Holmes said July 11 during an event on Capitol Hill. "I need the authorities to deal with that."



Dealing with commercial drones near protected facilities is a complicated legal issue. The FAA is responsible for all U.S. airspace, and has already established no-fly zones over every U.S. military base so any drone flight there is illegal. But determining when it is OK for the military to disable or destroy UAS that wander into its facilities is still something of a gray area. Outside the Pentagon and FAA, multiple government agencies are involved, including the Department of Homeland Security and even the Federal Communications Commission (FCC), which mandates that only government agencies can use jamming against drones.

In particular, the Air Force is concerned about UAS near its nuclear sites—an even more complex issue because the Department of Energy also has a stake.

"We will likely receive authorities to defend the nuclear installations first, and then we will try to work the other ones," Holmes said. "We need to extend those authorities beyond the nuclear sites to protect our sophisticated assets that we rely on."

For the FAA, the most immediate concern is UAS flying near busy commercial airports. The agency has tested several different detection systems at several airports, including a CACI International system that can identify both a UAS and its operator in the vicinity of airports.

Meanwhile, UAS in the wrong hands abroad present a different threat. Islamic State militants have begun arming commercial quadcopters with small munitions akin to grenades and deploying them against Iraqi security forces and civilians. The U.S. Army saw many instances of this tactic during the fight to retake Mosul.

Several firms are developing ways to deal with this threat, including Battelle's "DroneDefender," a handheld device that uses directed energy to disrupt adversary control of the drone. But this system has not been authorized by the FCC and cannot be sold commercially.

EAA 690 Membership Report

August 2017

By Jeanne Ferguson

Total 298 Current Members Paid.

Payment can be made at mkt.com/eaa690.

Membership applications are available on eaa690.org for new and reactivating members, and applications are available in the box inside the hangar door.

Chapter membership is \$30 a year for individual, \$40 for family and \$10 for students over the age of 18. Students under 19 are free.

New member's membership fee is prorated by month, which is listed on the back side of membership application.

We encourage membership in EAA National Organization, dues are \$40 a year for individual memberships and \$50 a year for family memberships.

EAA 690 Young Eagles Report

August 2017 By Duane Huff, Young Eagle Coordinator

Even an airplane on the runway that closed the airport to landing aircraft, could not stop us from completing our mission of flying forty two Young Eagles. It slowed us down for an hour plus but did not stop us completely. Three planes were in the air and had to divert to other airports, one to Gainesville and two to Winder. They got back after the runway was cleared and reopened for landing.

Eleven pilots participated in the rally. They were Pat Bratton 6 YE, 2 flights, Brian Michael 4 YE, 2 flights, John Morgan, 3 YE, 3 flights, Bill Thomasson 6 YE, 2 flights, John Kimmons 4 YE, 2 flights, Chuck Roberts 5 YE, 2 flights, Duane Huff 3 YE, 3 flights, Fred Huppertz 5 YE, 2 flights, Wayne Hutchins 1 YE, 1 flight, John Post 3 YE, 1 flight and Jerry Fisher 1 YE, 1 flight. On a personal note, I flew my Great Great Nephew on an Eagle flight also on Saturday.

The Young Eagle Gals who do all the paper work of registration, certificates and log books were Barbara Epstein, Gay Roberts, Jeanne Ferguson, Kathi Parks, Lynn Zahner and Shirley Oliver. Welcome Shirley, her first time with us, hope you enjoyed and will come to help again.

Art Farmer conducted the safety briefings and Wes Reddick instructed the students on the simulators. Our safety officers (loaders) were Rich Hopkins, Doug Wagner, John Reitz, Keith Oliver, Jimmie Rickerson, John Morrow, Lee Olson, Alan Sams and Jeremy Welch.

We should all be proud of our Young Eagles program. In the new display for the 25th. Anniversary of Young Eagles in the EAA Museum, there is a big plaque of the top twenty five chapters listed by the number of Young Eagles flown. Chapter 690 is number Eighteen (18) of all the chapters.

Many thanks to all who volunteer there time energy and finances for the Young Eagles.

Duane



Board of Trustees member John Kimmons needs some **volunteer help** mowing the grass.

John contends that the more we use the tractor the less air the tires loose. It's the First Law of Kimmons.

See the sign up sheet in the hangar and sign up for a check ride....

They say it's a lawn mower but, with the prop horizontal, maybe its a hovercraft.

Snellville Public Safety Night

Wednesday September 26

The event will take place from 5:30 to 7:30 p.m. on the Towne Green in front of City Hall.

(Times are not confirmed at this time)

Chapter 690 will have a display including an appearance by Heidi the Helicopter trainer.

Also on display will be police vehicles with anti-crime accessories, tactical equipment and weapons and the Snellville Police SRT (special response team). The Air-Evac Life team Helicopter, Gwinnett County Fire Department equipment and personnel, Gwinnett Animal Control, the Gwinnett County Bomb Squad's van, Emergency Medical Service workers and first responders are all scheduled to attend.

This successful annual event allows residents to meet and ask questions of local police officers. Come out and support the chapter and the Snellville Police Department, it will be educational and fun for all.





Pancake Breakfast August 5th

Guest speaker Don Chapman gave us his rendition of "How to be a Success" including his 10 principles to live by. After that, he reminisced on his experience as a Navel F4 pilot during the Vietnam war flying off of the aircraft carrier USS Constellation. Thank you Don for your service and for the great presentation. Pictures are of Don speaking and receiving the coveted EAA Chapter 690 Guest Speakers Mug, thanks again.





Also during the Pancake breakfast we were treated with a double shirt cutting ceremony to celebrate two of our youth making their first Solo Flights. Congratulations go to both Steven Agudelo, who made his solo flight July 20th, and Alex Kirkland who made his during the Pancake Breakfast Aug. 5th. A great accomplishment reaching this milestone early in their young piloting carriers. The honors were preformed by CFI and mentor John Post and witnessed by family, friends and chapter members.

Outstanding Job by these two fine young men!







Cont. on pq. 9

Pancake Breakfast August 5th cont. from pg. 8

Presented here are just a few of the smiling faces that came for breakfast. It was an excellent turn out, we even had to use the upstairs briefing room for overflow seating. Thanks to everyone that attended and for your ongoing support of EAA Chapter 690.











Just a reminder that the chapter bulletin board (located just to the right of the door as you exit the hanger) contains lots of information on chapter members, offers, activities and schedules. Also, if you ordered a chapter pin you will find them attached to a tie hanging near the center of the board. Take a look next time you visit.

Post Oshkosh Bash and Brat dinner, Saturday August 12th

What a turn out, wonderful food, delicious deserts and many speakers sharing their AirVenture experiences. We also had our youth from the Chapters Summer Camp "A, B and C" and AirVenture Campers talking about their activities.

If you didn't attend it, you missed a happening!























Progress Report Chapter 690 Youth Pietenpol Build



Everyone got a chance to drill holes in Plexiglas.



Lifting the left wing into position for the first time.



The struts are secured to the fuselage prior to cables being fabricated.

The last of the full size Piet rib gussets being glued and stabled.





Sometimes the bolts need a little persuasion to get them aligned.



Before the wing struts can be secured the dihedral angle must be set requiring some trig and backup checks.

The entire group posing in front of the Ultra-light Piet after the wings where mounted.



Progress Report EAA Chapter 690 RV-12 Project







The four photos here show cutting the landing light lens to size, the plexiglass must be drilled and cut to exact length and width. After some attention to detail a thumbs up for success....



Pictures courtesy of Joel Levine





Fred and Keith checking the rivets in the landing light lens backing plate.





Jerry at work sanding the Plexiglas landing light to finished size.

Upcoming Events cont.

ATLANTA WARBIRD WEEKEND

October 7-8, 2017 Dekalb Peachtree Airport

CELEBRATING THE TUSKEGEE AIRMEN

75TH ANNIVERSARY OF THE FIRST TUSKEGEE AIRMEN GRADUATE
ACHIEVEMENTS OF AFRICAN-AMERICAN PILOTS IN AVIATION THROUGHOUT THE YEARS

The Tuskegee Airmen, the first cadet graduates to earn their wings 75 years ago at Tuskegee-- becoming the first black U. S. Army Air Corps pilots, have a rich history that begins in WWII but reaches far beyond those confines. In conjunction with the celebration of the accomplishments of the Tuskegee Airmen, the weekend will also place a focus on the accomplishments of all African-American pilots from WWII to the present.

The Commemorative Air Force Dixie Wing will assemble at Dekalb-Peachtree Airport all the type of airplanes flown by the Tuskegee Airmen. Along with other famous aircraft such as a FG-1D Corsair, SBD-5 Dauntless dive bomber, T-6 Texan, C-46, Stearman bi-planes, Douglas DC-3 and after four years a B-17 Flying Fortress will offer rides and cockpit tours.

Meet WWII Veterans and noted authors, attend a WWII 8th Air Force Fighter Mission Briefing, enjoy 1940's Hollywood entertainers, visit with WWII reenactors, participate in a photography workshop and attend a dinner symposium with the original Tuskegee Airmen at the 57th Fighter Group restaurant on Saturday evening.





EAA 690 NOTE

EAA's own B-17 "Aluminum Overcast" will be visiting PDK (Dekalb-Peachtree Airport) October 6-8 during the Atlanta Warbird Weekend. EAA 690 is going to be providing ground support for this event, if you are interested in helping contact Randy Epstein via email, president@eaa690.net



Upcoming Events cont.

Operation Fly North Carolina

Visit 81 participating airports, attending safety seminar and visit NC Aviation Museums to earn Bronze, Silver and Gold Level Prizes along the way.

To Participate: Sport, Recreational, Private Pilot or above. We were previously open to all but it was breaking the bank. Student Pilots: Please don't be offended, we just want you to take on the challenge after earning your pilot license.

To Register go to: http://www.operationflync.com/contact.html

See the video at this web site: http://www.operationflync.com/about.html



GOLD, Aviator Watch.

Silver, Olive Green Military Style Flight Jacket with Operation Fly NC logo.

Bronze, Backpack Flight Bag..



Georgia Flight Trail

The Georgia Flight Trail (GFT) celebrates the connection between airports and exploration. A partnership between Georgia Tourism, the Georgia Airports Association and the Center of Innovation for Aerospace, the Georgia Flight Trail offers aviation enthusiasts the opportunity to experience the beauty of Georgia by



visiting its airports and the communities they serve. Georgia has a rich aviation history. In 1907, Ben Epps built and flew his own aircraft across a cow pasture in Athens, and only ten years later the U.S. War Department established one of 8 U.S. Army Schools of Military Aeronautics at the Georgia School of Technology (now Georgia Tech). Souther Field in Americus was established in 1918 as an Air Service training base for WWI. After the war, Charles Lindbergh made his first solo flight at Souther Field in a military surplus aircraft.

In 1925, Mayor Walter Sims committed the city of Atlanta to transforming an abandoned racetrack into the airfield now known as Hartsfield-Jackson Atlanta International Airport, the most traveled airport in the world. From these early beginnings, aviation has become one of Georgia's leading economic generators with 104 public airports across the state.

The Georgia Airports Association website, www.georgiaairports.org, will be the main site for participants to register and to keep abreast of the most up-to-date information on the Georgia Flight Trail. Each participating airport will have a unique stamp that will be used to verify a visit. Using the GA DOT Airport Directory as a passport, GFT participants will visit a local airport and collect a stamp on that airport's page in the Airport Directory. As participants complete all the airports within one of the nine tourism regions of Georgia – or when dedicated holders collect stamps from all participating airports in their passport – they can submit proof of their accomplishments to receive recognition from Georgia Tourism.



Check <u>www.georgiaairports.org/site/find-an-airport</u> to see a list of airports by tourism region.

NavCom

EAA Chapter 690 Classified Ads and Chapter Store

Have something airplane related (or not) for Sale or a service to offer? Why not list it in the NavCom for all the Chapter Members to see.

Wanted: Keith Oliver is interested in a partnership in a four place aircraft. If interested contact Keith on Slack or at kboliver47@gmail.com for details.

AeroVentures

Flying Club

Located at Gwinnett County Airport KLZU since 2012. Our fleet consists of a C-150, C-172N a J3 Cub and an Aztec PA28-23. Come Fly with us.

For more information visit our web site www.flylzu.com



Listing 710205

RV-12 Share for Sale

I would like to offer my share of our Vans RV-12 for sale. It has approximately 150 hours on it since new. It has a 2-axis autopilot, Garmin GPS and SL20 flipflop radio, transponder, wheel pants, new intercom and software update on the radio. All service advisories have been noted and corrected, Cruises at 125mph on approx. 4.5 gph. CHEAP hangar rent, owner share is only \$50 per month. Located at KVCP Cartersville and, the other partner can perform the annuals.

\$30k Call Meade Duckworth 770-891-4599

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Listing 715205

For Sale:

Bose ANR headset - Model 10X - bought originally for \$1,095.95 in 2010. Pristine condition - looks brand new. Has the 6 -pin LEMO male plug which uses aircraft 12v instead of batteries. If you don't already have the LEMO female adapter in your aircraft....Bose sells them for \$55.00

SALE price - only **\$425**

Call Rich Gorkes - 678-777-2669 or regjr@gmail.com

Listing 715080



Listing 71027

Send your listing requests to: editor@eaa690.net. Be sure to include high resolution pictures in .tiff, bmp or .jpg format, a detailed description of your offering and your contact information: name, phone and email address.

About EAA 690



EAA 690 is a Chapter of the Experimental Aircraft Association, located at <u>Briscoe Field (LZU)</u> in Lawrenceville, Georgia. With over 295 members we are one of the largest chapters in the Southeast and offer a wide variety of activates for our members. We conduct Pancake Breakfast fly-in's, Young Eagles programs, youth and adult aircraft building projects, and host such famous aircraft as the EAA B-17 "Aluminum Overcast", "Ford Tri-Motor" and the historic DC-3. You can find a current schedule of our activities elsewhere in the NavCom.

We have a very diverse membership that includes general aviation, former airline and military pilots as well as non-pilots, and folks just interested in airplanes. Come out and join us for some hanger flying and a fun time.

Visit our web site for more information: www.eaa690.org

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



NavCom

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