

# NavCom

**JUNE 2019**

**News and Information about Chapter 690  
Experimental Aircraft Association  
Lawrenceville, GA - KLZU**



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## **Presidents Pitch**

*By: Greg Huseth*

Greetings, Chapter Members,

June has been an active and productive month for many of the busy EAA members, full of aviation activities, education, and fun. After the June breakfast fellowship and social, President Susan Dusenbury of the VAA gave an informative presentation of what the Vintage Aviation Association is and how it has impacted aviation, EAA, and people over the years. Her generous offer of time and experience in the area of vintage aircraft, including antique and contemporary, is valuable to draw off of as that part of the fleet ages and continues to serve in active use. We will be looking forward to working with Susan and her team on issues and opportunities in the months ahead to serve Vintage members and pilots alike in the areas of interest and fellowship. They certainly are a great part of EAA 690 and serve as a super foundation for both the history and future the aviation.

A second highlight for me was to visit with workers and attendees during the Aviation Camp this month. The tremendous dedication of the leaders of the Alpha, Bravo, and Charlie groups yielded great return with the participants in knowledge and hands on experience with aviation. This program allows young people to have direct contact and mentorship with active and dedicated aviators, builders, and educators. The product of this work is integral to the development of interest and inclination in the various areas of aviation. Learning how aviation works with experience in design, building, maintenance, support, and piloting all combine to bring participants to a level of participation with tangible knowledge. Further, it exposes participants to the resources of mentors and scholarships that are readily available to those who plan to move ahead in the field. I want to express my personal gratitude for the dedicated volunteers who plan and deliver these camps each year. Great Job!

This month is a time to consider what a tremendous effort our Chapter has invested in programs to help people experience the joy and opportunities of flight. Recent discussion and review of the Young Eagles program and the Eagle Flight program demonstrate the impact and success of these programs. .

Enjoy the warm days and summer activities of aviation in July and keep looking for fresh opportunities to participate!

**Presidents Pitch** cont. on pg. 12

## **Pancake Breakfast Fly-In**

Saturday July 6th. 2019

Breakfast begins @ 8:00AM

## **Chapter Business Meeting**

Thursday July 18th 2019

7:00 PM-9:00 PM

## **Young Eagles**

Saturday July 20th. 2019

8 AM—12:00 Noon



# Chapter Events and Happenings

## Chapter Calendar

Rich Programs, Rewarding  
Experiences, all are welcome.



### July 2019

Sun 30	Mon 1-Jul	Tue 2	Wed 3	Thu 4	Fri 5	Sat 6
			5pm Pilot's Dinner 5:30pm Thursday Dinner 7pm Trustees Meeting		8am Pancake Breakfast	
7	8	9	10	11	12	13
7pm GARS			5pm Pilot's Dinner 5:30pm Thursday Dinner 7pm Board of Director's Meeting			
14	15	16	17	18	19	20
7pm GARS Workshop			5pm Pilot's Dinner 5:30pm Thursday Dinner 7pm Chapter Meeting		9am Young Eagles Rally	
21	22	23	24	25	26	27
Airventure Oshkosh, WI			5pm Pilot's Dinner 5:30pm Thursday Dinner		8:30am Young Eagles Rally Makeup Day	
28	29	30	31	1-Aug	2	3
Airventure Oshkosh, WI			5pm Pilot's Dinner 5:30pm Thursday Dinner 7pm Trustees Meeting		8am Pancake Breakfast	



<https://www.facebook.com/groups/ea690/>



<https://www.instagram.com/ea690/>



<https://twitter.com/ea690>

Events cont. on pg. 3

NavCom June 2019 Page 2

## **Pancake Breakfast July 6th, 8 to 10 am**

### **Guest Speaker, Mr. Duane Huff**

Our guest speaker will be none other than our own Duane Huff. Duane will recap his aviation career and, I am sure, have lots of interesting stories to tell. Plan to attend, this is bound to be a fun event.



**Editors Note:** Be sure to see Duane's aviation bio and announcement about his nomination to the Georgia Aviation Hall of Fame, beginning on page 17.



## **EAA 690 Pancake Breakfast**

**OPEN TO ALL Fly-In or Drive-in**

**Starting at 8:00 AM**

### **Menu:**

Pancakes, Scrambled Eggs, Biscuits & Gravy, Sausage, Orange Juice and Coffee.

**All you can eat for just \$7.00**

Bring a friend, have a great meal, meet new folks and hang around for the guest speaker presentation at 10 AM.

**YOU WON'T BE DISAPPOINTED!**



## June 2019 Pancake Breakfast

### Guest Speaker Ms. Susan Dusenbury

A very special thanks to Susan for being our featured speaker at pancake breakfast on June 1st. Susan, as President of the EAA Vintage Aircraft Association, gave us a complete update on her organization and its many programs and projects. If you go to AirVenture, a visit to the Vintage Aircraft area is a must. With the incredible verity of aircraft on display, and parked in the various fields, you can spend hours enjoying the sights and history right before you eyes.

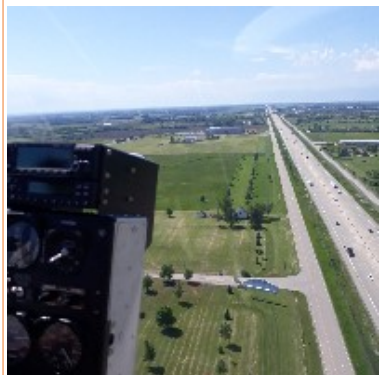
Below are pictures of Susan during her presentation and, of course, accepting the rare and coveted EAA 690 Guest Speakers Mug.



### Thank you note

**Editors Note:** Nathan Jovanovic attended EAA Air Academy and sent some pictures and the following note to EAA 690.

Thank You for the opportunity to attend the eaa air academy. I had a great time. Here are some photos from my trip.



Continued on pg. 5

# Electric planes herald new era for aviation at the Paris Air Show

Reprinted from CNN Business June 20, 2019

**By; Charles Riley**

London (CNN Business) Airlines ordered tens of billions of dollars worth of new aircraft from Airbus and Boeing at the Paris Air Show this week. But there was also huge interest in the planes of tomorrow.

The rise of hybrid and electric aircraft was on full display at the biannual aviation showcase, where startups competed with industry giants to show off technology that's more efficient and better for the environment than traditional designs.

The focus on electrically-propelled aircraft reflects a rush to develop urban flying taxis (coming soon) and longer range fully electric planes (coming later).

According to the consultancy Roland Berger, the number of electric aircraft in development increased by roughly 50% over the past year to 170. The number could swell to 200 by the end of 2019.

There are two big factors driving increased investment: The global aviation industry produces up to 3% of all carbon dioxide (CO<sub>2</sub>) emissions, a share that's projected to increase sharply in coming years; and it spends roughly \$180 billion a year on jet fuel.

"Increased efficiency has been the name of the game when selling aircraft for decades," said Nikhil Sachdeva, a senior consultant at Roland Berger. "Electric is the next phase."

## **Cape Air goes electric**

Grabbing most attention in Paris was Israeli plane maker Eviation Aircraft with its announcement that US regional carrier Cape Air would be the first customer for Alice, its electric airplane.

Alice can fly nine passengers up to 650 miles on a single charge, and Eviation claims it can cut airline operating costs by 70%. Manufacturing gets underway in the United States this year.

The plane uses one main "pusher" propeller at the tail, and two more on the wingtips. They are powered by batteries. The plane cruises at 10,000 feet.

A visitor to the Paris Air Show looks at the Alice electric aircraft manufactured by Eviation Aircraft.

## **'Third era of aviation'**

The air show also saw a major deal by two European industrial heavyweights.

UK engineering company Rolls-Royce (RYCE) purchased the electric and hybrid-electric aerospace propulsion business of Germany's Siemens (GCTAF). The deal is expected to close later this year.

The eAircraft business is based in Germany and Hungary, and employs around 180 specialist engineers who are developing electric and hybrid propulsion systems.

"Electrification is set to have as dramatic an impact on aviation as the replacement of piston engines by gas turbines," said Rob Watson, a director at Rolls-Royce. "We are at the dawn of the third era of aviation."



Electric Planes cont. on pg. 18



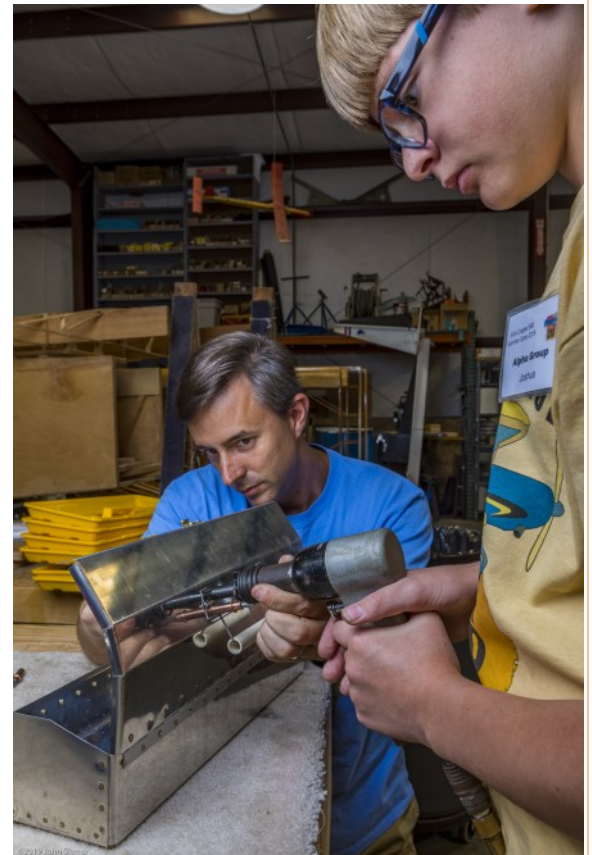
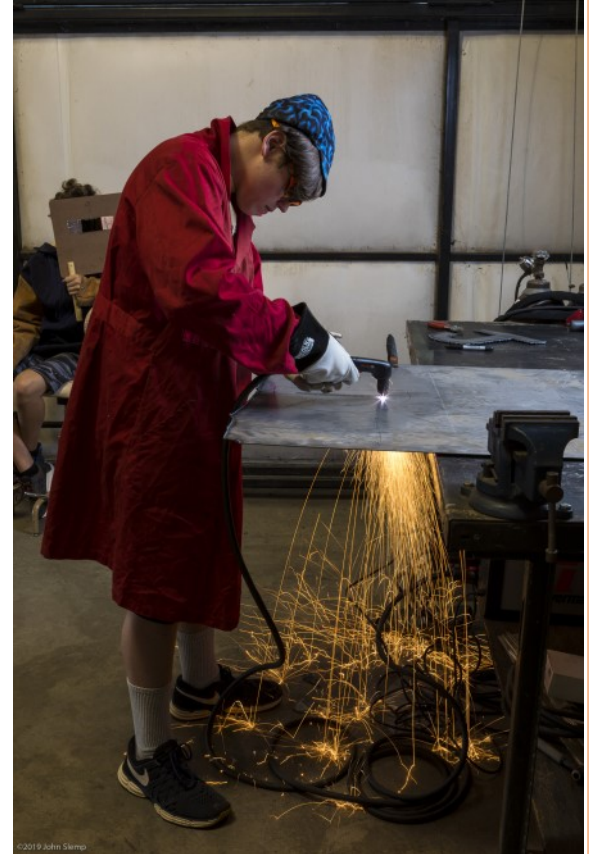
## EAA 690 Youth Summer Camp June 10th -14th 2019

*By: Gay Roberts*

I'm glad to report that this year's Summer Camp again went well even though the enrollment for Alpha and Bravo was low (four in each group, the maximum being 10). Charlie was full with 4 in that group. That said, the campers were a great group and all leaders said their sessions went well. As always, we can use more assistants. Please see the excerpt below from the article that appeared in the April NavCom for a description of camp activities.

**Alpha Camp** for ages 12 and 13 campers will learn about and do the following: Model aviation, build wooden wing ribs and mount to a spar for a wing section, cover wing section with fabric and learn how to shrink the fabric (really cool), learn about and fly drones, build a metal toolbox, learn air traffic rules and practice listening and talking to air traffic controllers on practice radios provided by GARS (Gwinnett Amateur Radio Society).

**Bravo Camp** for ages 14 and 15 campers will learn about and do the following: Design/make model airfoils and test them in a wind tunnel, advanced model aviation, learn names of tools and how to use them, listen to and ask questions of speakers in career session (parents are invited, Tuesday at 10:30), fly a detailed flight plan on a simulator, build a metal aileron section (a control surface on planes).



Continued on pg. 7



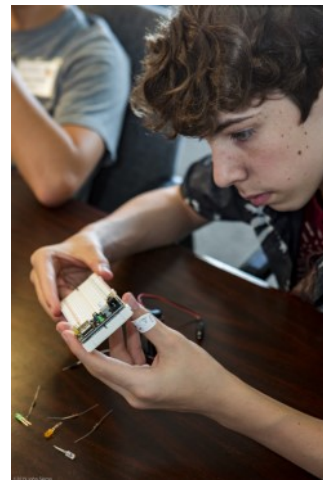
## Youth Summer Camp cont. from pg. 6

They also learn basic electronics, learn about and fly drones, learn TIG welding, learn how a helicopter works and is different from a fixed wing plane.

**Charlie Camp** for ages 16, 17 and 18 campers will have flight lessons as weather permits and take ground school classes. We thank Bruce Buell at Advanced Aviation on the Lawrenceville Airport for helping Chapter 690 with this camp. This camp is for those serious about becoming a licensed pilot.

Advanced Aviation flight instructors, Dale Mastley and Wes Riddick, provided flight instruction to two of the Charlie campers this summer. John Post of AeroVentures also helped by providing flight instruction for two of the Charlie campers. Aimee Michael, a high school biology teacher, returned for her 3rd year and Dr. Debi Huffman, recently retired from Fernbank, returned to assist in our camp. Dr. Debi had the vision of and started our chapter Summer Camp in 2012.

Camp week is a fun time for all so if you'd like to share in the fun next year please contact Gay Roberts 770-630-8567 or Brian Michael 404-735-5660. We will be having more meetings the rest of this year and the beginning of next in preparation for Summer Camp 2020!





# Atlanta Tuskegee Airmen Annual Visit to EAA 690 - June 6th

**By: Randy Epstein**

We flew young folks that were part of the Tuskegee Airmen's local Camp today. We flew a total of 27, 26 as Young Eagles and one as an Eagle flight. We began at 9:00 and finished up around 3:00.

Our crew today consisted of Kathi & Bob Parks, Mary & Tom Hilborn, Gay & Chuck Roberts, Barbara Epstein, Duane Huff, Maria Hernandez, Derrick Miller, and Hugh Colton. Our two pilots that flew all 27 were Chris "Hollywood" Serra and Francois de Fromont.

Many thanks to everyone involved and the Tuskegee Airmen chapter for providing lunch for our volunteers.



Continued on pg. 9





### Young Eagles Report June 2019

*By Duane Huff & Wes Riddick, Young Eagle Coordinators*

**By: Randy Epstein**

I want to thank all of our volunteers for their efforts in making Saturday's Young Eagle Rally successful. We were faced with an new operation due to the upcoming airport construction and this crew performed wonderfully under the new conditions.

Thanks to the following:

**Registration** - Barbara Epstein, Marina Yorish and Gay Roberts.

**Simulators** - Wes Riddick

**Pre-Flight Briefings** - Debi Debi Williams Huffman

**Ground Crew** - Ben Davis, Larry Wallis, Tom Hilborn, Paul Kyser, Joshua Foster, Dennis Crosgrrove, Allen Maynard, Jeff Coffey, Chad Cheek, Fred Yoder and John Morrow.

**Pilots** - Alex Kirkland, Bill Bell, Bill Thomasson, Brian Michael, Chuck Roberts, Chris Serra, Duane Huff, Francois de Fromont, Jeremy Welch, John Post, Mark Sirull and Sandy Asman.

A great job from everyone. If I missed someone I sincerely apologize!



Continued on pg. 10

## Chapter 690 Young Eagle Flights 2019

With weather creating some real challenges for flying Young Eagles this year we are still able to record a respectable total so far. The chart below, prepared by Randy Epstein, has the details for flights this year.

Our monthly average of 42.5 YE's puts our chapter on pace to go over 500 YE for the year.

Young Eagle Flight Tracking								
Pilot	January	February	March	April	May	Tuskegee	June	Totals
Alex Kirkland	9		8				3	20
Bill Bell			5	2	12		4	23
Bill Thomasson				3	23	13	9	48
Brian Michael	18		2		23		7	50
Chris Serra			6				6	12
Chuck Roberts	12						7	19
David Balthaser					2			2
Duane Huff	3			1	3		2	9
Francois de Fromont			3			13	6	22
Jeremy Welch				1			5	6
John Kimmons			6					6
John Morgan			5	1	8			14
John Post			6				1	7
Mark Sirull			2	1	3		1	7
Pat Bratton		2	5					7
Sandy Asman				1			2	3
<b>Totals</b>	<b>42</b>	<b>2</b>	<b>48</b>	<b>10</b>	<b>74</b>	<b>26</b>	<b>53</b>	<b>255</b>

Klyde Morris

by Wes Oleszewski

Reprinted  
from:  
AERO News  
Network,  
"Propwash"  
7-01-19



Continued on pg. 11



## Aviation Museum Visits

***By: Ben Davis***

## Wings Over the Rockies Air & Space Museum

Denver Colorado [www.wingsmuseum.org](http://www.wingsmuseum.org)

Transferred from the United States Air Force to a group of volunteers in 1994, Wings Over the Rockies Air & Space Museum is located in Hangar #1 of the former Lowry Air Force Base in eastern Denver, Colorado. Today, the museum boasts more than 182,000 square feet of hangar space full of iconic aircraft, space vehicles, artifacts, military uniforms and much more. Visitors can also experience thrilling flight simulators, discover various educational programs and participate in dozens of exciting museum sponsored events.

Wings Over the Rockies Air & Space Museum is a diverse community organization dedicated to unlocking our visitors dreams of flight through exhibitions, events and educational programming. Each year, we welcome roughly 160,000 visitors representing all 50 U.S. states and 28 countries around the world.

Primarily focused on post WWII aircraft both civilian & military as well as those with a Colorado pedigree. Most military aircraft are still owned by the government, but on loan.

Extensive restoration operation.

YouTube channel: <https://www.youtube.com/user/WingsMuseumVideo>

### Exploration of Flight - Second location at the Centennial airport (KAPA)

Will be home to all future focused aviation and space galleries. Also home to flight programs (Young Eagles, Teacher flights, etc.)



### Presidents Pitch cont. from pg. 1

At our breakfast presentation in July, I expect to hear more specifics and also of the personal involvement of pilots, support crew, and leaders in these active and important EAA 690 programs. I recently received a grateful note from the organizers of the Young Eagles Flight Rally at Triple Tree Aerodrome in South Carolina where EAA 690 and EAA 249 joined together in creating interest for young people in aviation. The returns are great both in quantity and quality of the event. In the appreciation note, I was informed of over 80 Young Eagles flown overall and participation by Eagle Flight Leader John Morgan and EAA 690 members handling various key roles in making the event successful. Again, Great Job!

July is going to be the busiest ever in the history of EAA 690. Planning for upcoming events in Oshkosh will come to a zenith this month. I advise all who are considering travel to Oshkosh to get together and plan, plan, plan to maximize the value of this unparalleled aviation event. Breakfast on July 6th will be a good time to do this. Further, EAA 690 members have a special opportunity to enjoy what EAA has to offer by participation in donations to the Ford Tri-Motor wings rebuild effort. With EAA 690's commitment to that project, we have a special opportunity to participate by sending members to the Golden Age of Aviation Weekend Retreat in August. A donation to the project as outlined on the website [eaa690.org](http://eaa690.org) will get you an entry into our drawing to win. The opportunity to fly in the aircraft and right seat time is a once-in-a-lifetime opportunity. I am still counting my pennies to see if I might get a ticket by the July 18th drawing!

Finally, I want to continue to encourage members to join in the activities and events of EAA 690. Our leadership team is always conscious and supportive of individuals who have interest and opportunity to participate in chapter leadership in the areas of Youth Mentoring, Financial Support and Accounting, Asset Management and Maintenance, Publicity, Communications, Airframe Inspection, Airframe and Powerplant Maintenance, and Flight Instruction. Call, write, or come by if you have interests and inclination in these areas and please, contact me or any of the Board of Directors and we will be happy to get you involved in an area you enjoy in support of this important work.

## Time to Refresh Your Ward Robe

**By: Kathi Parks**

Greetings All

Summer is upon us and so are a lot of special events! Oshkosh, Triple Tree, Young Eagle Rally's and 690's Summer Camp, just to name a few! Let's show our chapter pride when attending these events. EAA corporate has recognized EAA 690 for our chapter's accomplishments. Let's sport our colors! We have various sizes of our cobalt blue Polo Shirts with our logo on the left side available for \$27.00. These are products of Lands End.

If your size isn't listed, we can order it for you.



### TIME IS RUNNING SHORT, ORDER YOURS NOW!

Men's Size XXL

Men's Size XL

Men's Size M

**\*\*The Men's shirts have pockets on the left side of the shirt.**

Women's Size XL

Women's Size L

Women's Size M

Women's Size S

Contact me at [kmp9611@gmail.com](mailto:kmp9611@gmail.com) or 404-797-5725.

Shirts are available in Hangar 1, behind the glass counter next to the stage.



## **Aviation Museum Visits** cont. from pg. 11

### National Museum of World War II Aviation

Colorado Spring, CO

[www.worldwariiaviation.org](http://www.worldwariiaviation.org)

Located adjacent to the Colorado Springs Airport and Peterson AFB the museum is a 501(c)(3) nonprofit organization providing educational experiences promoting a deeper understanding of the historical importance of American aviation in WWII.

Displays spread over 3 hangars with a new, larger hangar under construction. Displays include flight gear, historical documents, displays on WWII era manufacturing operations, vehicles, as well as aircraft. Most aircraft at the museum are on loan, privately owned, fully airworthy aircraft. They also have one fully functional Link trainer and are building/restoring another. A Norden bombsight is also being restored at the museum with the help of local educational institutions.

One of their most interesting aircraft is a fully restored and airworthy P38 Lightning that was recovered from Papua New Guinea. Several aircraft – including this P38 – had been buried in New Guinea after the war. (see <https://airmuseumguide.com/listing/national-museum-of-world-war-ii-aviation/> for a photo of the P38). BTW, the one photo of the aircraft 'skeleton' I've included was recovered with the P38 (shows the condition of the airframe they had to work with).

WesPac Restorations (privately owned for-profit company focused on restoration of WWII aircraft) is co-located with the museum and has several restorations underway. A tour of their hangar is included with the guided museum tour. WesPac handles much of the maintenance and restoration of the aircraft at the museum.

The museum hosts an annual airshow (Pikes Peak Regional Airshow) to benefit the museum featuring many of their aircraft as well as others. Because the museum is near (across the field) from Peterson AFB many military aircraft participate in the airshow. [www.pprairshow.org](http://www.pprairshow.org)



Continued on pg. 14

## **EAA AirVenture 2019**

### **July 22-28, EAA Grounds, Oshkosh, WI**

If you are attending this great event take pictures and. plan to share your experiences with your fellow chapter members. Some of us, unfortunately, are not able to attend, have fun.



## **KCVC - Covington Municipal Airport**

*From: Joel Levine*

Good News!

Airport Manager John King has announced that the newly extended, widened and resurfaced runway is now open.

The new lighting system is still being completed, so lights are out of service until final completion.

An estimated completion date on the lighting will be forwarded as soon as available. Refer to the notams listed below for more information.

Please be sure to thank John and his crew for all of their efforts keeping the airport open during construction!

**06/026 (KCVC-A0065/19) (lights)    06/027 (KCVC-A0067/19) (taxiway status)**



# NavCom Feature “AEROGRAPHS”

A Dehavilland Beaver in the Seaplane Base lagoon on Lake Winnebago near Oshkosh, Wisconsin. ©2015 John Slempp



## ***Food for thought!***

Nobody knows whether we were catalysts or invented something, or  
just the froth riding on a wave of its own.

We were all three, I suppose.

**Allen Ginsberg, beat poet**

# Duane Huff, Nominated for the “Georgia Aviation Hall of Fame”

*Editors Note: Our own Duane Huff has been placed in nomination for induction into the Georgia Aviation Hall of Fame. Both Kathi Parks and Joel Levine have sent their letters of nomination to the Hall of Fame authorities. Watch for future announcements on how you can place your vote for Duane to help get him elected for this well deserved and prestigious honor. Below you will find a bio of Duane's carrier in aviation.*

Duane Huff was born on May 26, 1931 in Olean, NY. The aviation bug bit him early. His first airplane flight was in a Ford Tri-Motor at age 8. As a teenager, he flew in several aircraft including a Piper Cub, Aeronca Champ and a BT-13. During his college days, he flew many hours in the right seat of a friend's Aeronca Chief (1949 – 1952). In 1950, Duane married the love of his life, Montess. They moved forward as one, creating a family of 4 children, Kenneth, Dennis, Susan and Cindy. Their future was spent pursuing their love as educators, teaching music and aviation.

They relocated to Georgia in 1954, initially settling in DeKalb County, then Gwinnett County. In 1958, Duane started teaching General Science in 6th thru 8th Grade. Within a short period, he developed a Choral Program at Bethesda School which continued for 6.5 years. His dedication to music did not go unnoticed. Duane was asked to develop an Elementary Music Program for 18 schools in Gwinnett County, which lasted 7 years. He also directed the Band and Chorus program for 2 years at Berkmar High School. Following that, he conducted their choral curriculum for an additional 15 years. His after hours' time was dedicated to being the Minister of Music for 5 churches during the last 40 years. Presently, he sings in his church's choral ministry.

Having a family and teaching slowed down his flying ambitions, but not his enthusiasm to share all aspects of aviation with others. Duane resumed flying lessons in 1966 at the Gwinnett Airport, with Parker Edmonds as his instructor. In 1967, he soloed in his Aeronca Chief, NC3420E. Finally, he received his Private Pilot's License on 9/12/70. He has owned the same plane ever since!

In 1984, Duane became a member of Experimental Aircraft Association, Chapter 690, based at Briscoe Field, Lawrenceville, GA. He was President of the chapter for two 2-year terms and Vice President for one 2-year term. Duane shared aviation knowledge to all interested parties. During his years as a teacher, Duane would conduct field trips of Lawrenceville airport, and offer presentations of his aircraft and how it operated. In 1988, Duane retired from his teaching career. This increased his opportunities to fly and spread the word of aviation, attracting children and adults. He took time between 1989 until 1995 to rebuild his Aeronca Chief. Afterward, he assisted his former students with pursuing their pilot's licenses, and supported others with their aviation dreams.

Duane Cont. on pg. 18





# Progress Report

## Youth Build Program

**By: Hugh Colton**

The school academic year has concluded so we will be losing some of our regular attendees. Some just disappear and we don't learn where they will be continuing their education. However I know that Trisha Warren has been accepted at the Naval Academy Prep School, so fingers crossed Trisha makes it to the academy. Alex Kirkland is off to Middle Georgia to further his aviation career. We wish all our former Youth Project members success in their studies.



Larry Wallace has transformed the Bishop Education Hangar by finding a home for every tool, and a label on every drawer so we know where to find tools. Larry we owe you a vote of thanks.

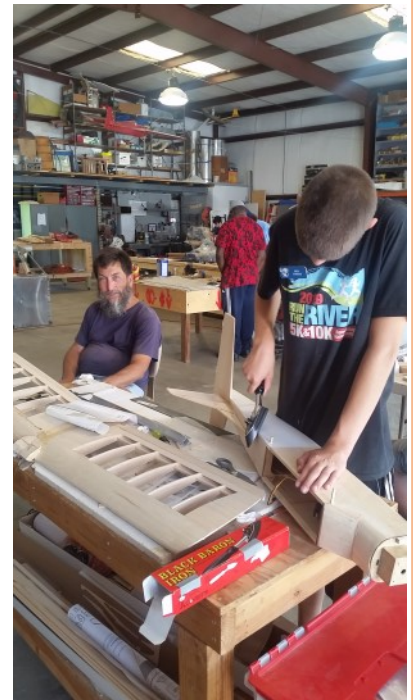
Andrew Robinson and the BD-6 team have just received another kit from the Bede Foundation so they will be beavering away on the next step of constructing this single seater.

Fabric covering of the Pietenpol single seater has begun and our youth are learning from Joel Levine and Duane Huff the finer points of how to cover an aircraft.

Billy Stewart has taken over the A-65 engine rebuild and work is progressing. Billy's expertise was admirably demonstrated when recently he ran the Corvair flat six air cooled engine that he rebuilt and installed in his homebuilt.

Saturday June 29 sees the BEH (Hangar 6) hosting a special fifth Saturday event. Larry Wallace will be providing a welding demonstration with the opportunity for hands on experience. A video showing the major maintenance of a Boeing 747-400 will be shown. This should reveal what goes on behind the scenes when the aircraft is stripped down and everything overhauled before reassembly and return to service, all in five weeks.

Chapter member Wes Riddick has kindly offered to host a visit to the Delta maintenance facilities at ATL. We'll be collecting names of youths interested in attending this visit during the fifth Saturday event.



We have ideas for further projects but all of these depend on availability of mentors. If you are interested in helping please contact Hugh Colton [hugh.colton@gmail.com](mailto:hugh.colton@gmail.com) or John Morrow [jmorrow101@gmail.com](mailto:jmorrow101@gmail.com)

## Duane Huff cont. from pg. 16

In 1992, EAA instituted their Young Eagle Rally Program to introduce youth to aviation by offering free flights. Duane became the designated Young Eagle Coordinator for EAA 690 in 1994. Duane's first Young Eagle riders were his grandson and granddaughter. Since then, Duane has personally flown over 800 Aviation Enthusiasts between 8 and 17 years old. This is particularly impressive as his Aeronca Chief can only carry 1 passenger at a time! In March 1994, Duane chaired a committee that put together a Young Eagle Rally that flew 635 Young Eagles, in one day! Ultimately, this showed Duane's leadership in general aviation. He wasn't just a pilot but a promoter!!

Not to ignore older individuals that are interested in aviation, EAA developed the Eagle Flight Program. Duane was pleased to fly the first participant. Additionally, he mentored kids interested in building aircraft, after all, not everyone that loves aviation wants to fly! In 2000, Duane became Gwinnett County's Airport Representative for those wanting to tour the airport. He has conducted site tours for over 7000 + kids to see Briscoe Field, his airplane and what aviation could mean to others. He adds that he also gave tours to over 2000 adults, and has records to prove it! Currently, Duane has about 1950 flight hours, but preaching aviation has covered over 45 years of his life!

### STATS & AWARDS:

EAA Judges presented Duane with the Outstanding Aeronca Chief Award at Oshkosh Fly-In 1995 and 1997.

In 1996, he received the Classic Grand Champion at Sun n' Fun, and at the same at the Southeast Regional Fly-In in 2002. In 2003 he was awarded the EAA Major Achievement Award at Air Venture, Oshkosh for Outstanding Service to EAA and Recreational Aviation. In 2007, he received the EAA Intl. Award for Young Eagle Chapter Coordinator of the Year.

## Electric Planes cont. from page 5

### Hybrid aircraft by 2022

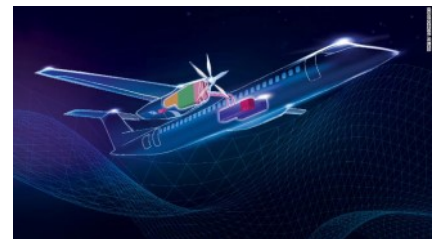
United Technologies (UTX) announced plans to merge with defense contractor Raytheon (RTN) just prior to the Paris Auto Show.

And the company had some tech to show off to aviation enthusiasts, pulling back the curtain on a hybrid electric project. The goal is to have planes in the air by 2022.

The plane is built on a mid-sized regional turboprop, using the existing airframe, systems and propellers. What's new is batteries and a 2-megawatt hybrid-electric propulsion system. Airbus (EADS) is also aiming to test a hybrid aircraft by 2022, and it announced a collaboration this week with European aerospace firms Daher and Safran to get there. Daher will handle components and systems installation, while Safran (SAFR) will contribute a propulsion system called EcoPulse. Airbus will tackle batteries and aerodynamic design.

The plane will run on a distributed hybrid propulsion system, which includes a turbogenerator that powers electric motors and propellers.

Airbus also said this week that it has signed a memorandum of understanding with SAS Scandinavian Airlines to research hybrid and electric aircraft systems.





# AeroVentures

## Flying Club

Established in 2012 at Gwinnett County airport (LZU) with a 1977 Cessna 172 Skyhawk. Three of the founding members are flight instructors and voted to open the club to associate members that were wanting to learn to fly or add a rating or just fly the club aircraft. In 2015 a beautiful C-150 and a pristine Piper J3 Cub were added.

The Cessna Skyhawk, being the single most popular training aircraft, makes for the ideal trainer for primary students or advanced students seeking a commercial license or an instrument rating. It is economical, safe and fun to fly. AeroVentures has members of all ages and backgrounds. The club members range from airline/corporate pilots, commercial multi-engine pilots, private and instrument rated pilots, flight instructors, and student pilots. Our five members who are independent Certified Flight Instructors (CFIs) are available for all of your training questions and needs.

Our instructor members may be available to help you with your Private, Instrument, Commercial and Multi-engine rating. Only club members are able to rent aircraft from the club and all instructors must be members and approved by our chief flight instructor

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](http://www.flylzu.com)



Listing 710250

## **WANTED Aircraft Partnership**

Single Engine Aircraft, 2-3 other owners preferred, location preference LZU, WDR, GVI, PDK ect. I am instrument rated.

Contact: **Hank Stoehr** 770-53-7697 email: [dunwellconstruct@att.net](mailto:dunwellconstruct@att.net)

Listing 9102025

## **Going out for Lunch or Dinner A Visit to the Flying Machine is a must!**

The Flying Machine dining room offers flexible seating options with a great view of the Gwinnett County Airport runways. A stage is available and entertainment can be provided or do you own karaoke review.

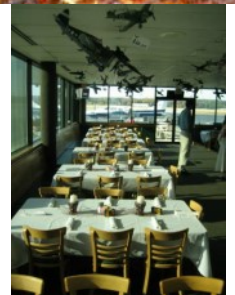
Located at 510 Briscoe Blvd, Briscoe Airport,, Lawrenceville, GA, 30046

Hours Tuesday - Thursday 11 AM to 9 PM

Hours Friday - Saturday 11 AM to 10 PM

Closed Sunday & Mondays

Phone Number: (770) 962-2262



Listing 912530

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. The NavCom is distributed to over 600 aviation minded people every month.

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**No Job is Too Big, No Job is Too Small**

Listing 712221

## ITEMS FOR SALE

Used Lightspeed Zulu 2 ANR headset. Has new ear seals installed - **\$400**

Used David Clark H10-13.4 - **\$150**

Contact Randy Epstein @ [randy.epstein@eaa690.org](mailto:randy.epstein@eaa690.org)

Listing 910350

**Want your business listed in the NavCom  
or, have something for sale.**

Send your info to: Tom Hilborn [editor@eaa690.org](mailto:editor@eaa690.org)

Please Include:

High Res Pictures in tiff, bmp, or jpg

Description of item(s)

Your Name, Phone Number and Email address

**A Donation to 690 would be appreciated**



# Aircraft for Sale

## N3 Pup (75% scale Piper J3 clone)



Hummel 37 hp half VW motor, 165 hours total time aircraft and engine. Cruise at 60 mph burning 2 gallons of car gas per hour! Land at 30 mph.

35X40 foot hangar also available. Both are located at Lenora Airport 2 GA9

**\$9000** for both, or **\$5,000** for plane and **\$4500** for hangar.

Contact Ron DeWees EAA 428448

Email: [rondeweess@att.net](mailto:rondeweess@att.net) Phone: 404 936 3481

Listing 910240

## Steen Skybolt for Sale

For Sale: Recently completed Skybolt by award winning builder/owner @ Whispering Pines Airpark. 180HP totally rebuilt Lycoming O-360-A1A with 30 min runtime to date., Hartzell constant speed prop., fuel injection, clam canopy and windshields for open cockpit flying, polyfiber covering rear fuselage and Steen Skybolt wing kit wings. FAA inspected/airworthiness cert. issued February 2019. Must see to appreciate quality workmanship and looks.



Moving, will sell way below cost @ **\$65K** OBO. Contact: Eric Ashman [eashman893@yahoo.com](mailto:eashman893@yahoo.com)

Listing 912120

# About EAA 690



EAA 690 is a chapter of the Experimental Aircraft Association, located at Briscoe Field (LZU) in Lawrenceville, Georgia. A diverse chapter with over 250 members we offer a wide range of aviation-related activities. While the Pancake Breakfast and our monthly meetings are the norm we regularly conduct fly-ins and are heavily involved in youth education through EAA's Young Eagles program, youth aircraft build projects, summer camps, ground schools and simulator instruction. We frequently host historical aircraft such as EAA's B-17 "Aluminum Overcast", the Ford Tri-Motor and DC-3 to benefit, educate and entertain the local community.

Our technical counselors are some of the best in the industry, and willingly donate their time to our youth builder programs and homebuilders as they progress through the various phases of constructing an aircraft. We have pilots with a wide variety of experience from former airline and military pilots to general aviation pilots with private pilot certificates. "Hangar flying" is a fun part of the mix and our facility is often used for aircraft annual inspections, meetings, special events, and training. 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 \$7 Pancake Breakfast and, to learn more about EAA 690 please visit our web site: [www.eaa690.org](http://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

The NavCom is the official monthly newsletter of EAA chapter 690. Please send original articles, art and photos for inclusion in future issues of the NavCom to: Attn: Tom Hilborn, Email: [editor@eaa690.org](mailto:editor@eaa690.org) or call 404-406-6638 for more information. 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. Comments and suggestions are always welcome.

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**You are receiving this EAA 690 NavCom because of your interest in aviation and EAA Chapter 690 activities.**

### Our Contact Info is:

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