



NavCom Newsletter

Experimental Aircraft Association Lawrenceville, GA - KLZU

January 2020



Presidents Pitch

By: John Morgan

2020 - OUR 40TH ANNIVERSARY!

Greetings: as the incoming new Chapter President I want to wish all our chapter members a very Happy and most prosperous New Year!

We began the year with our January pancake breakfast where our very own Duane Huff was presented the FAA's Wright Brothers Master Pilot Award for his 50 years of safe flying. As a good number of Duane's church members also showed up, the BOD is now considering giving Duane an award every month if he promises to bring in all those extra pancake eaters.

We also said goodbye to Greg, Brian and Randy as they leave the board of directors and welcomed new chapter officers Louis Pucci, Ben Davis and me. Rich Hopkins remains as chapter secretary for another term. Rich apparently is a glutton for punishment.

We held our Town Hall Meeting after the breakfast with a much higher attendance than we normally see at regular chapter meetings.

In this light we are going to experiment with incorporating chapter meetings into our other chapter social events. Traffic in the greater Atlanta area is so bad that holding a chapter meeting on any weeknight is difficult for all but a few members. Chapter events will generally be held on a Saturday late afternoon and early evening. For example during our annual spaghetti dinner we will set aside a short period where we will have an open mic for members to talk about whatever may be on their minds concerning EAA690. For any more serious discussions (such as impeachment) all members are always welcome at the monthly BOD meeting.

Chapter communications are pretty much entirely on line now as our website has the monthly calendar and all kinds of information about happenings in the chapter including all past Navcoms back to 2012.

As for daily events you need to have the "SLACK" app on your cell phone. This is our way of communicating dinner locations and flyout destinations and all other information. To log onto slack the first time please contact Brian Michael our internet wizard at 404-735-5660.

Finally I want to give a "SHOUT OUT" to Kathi Parks And Louis Pucci for stepping up and agreeing to be Chair And Co-Chair of our Chapter 40th Anniversary happenings. This will not be a one time event but a series of events throughout 2020.

So stay tuned for future happenings and Fly Safe!

Pancake Breakfast

Saturday Feb. 1st 2020

Breakfast 8AM, Guest Speaker 10AM (see page 3)

Young Eagles Rally

Saturday Feb. 15th 2020

10 AM - 1 PM

Chapter Officers and Posts

<u>President</u> John Morgan president@eaa.org	<u>Vice President</u> Louis Pucci vp@eaa690.org	<u>Secretary</u> Rich Hopkins secretary@eaa.org	<u>Treasurer</u> Ben Davis treasurer@eaa.org	<u>Chairman BoD</u> Louis Pucci vp@eaa690.org
<u>Vice Chairman BoD</u> John Post post@eaa690.org	<u>Chairman of Trustees</u> John Morrow jmorrow101@gmail.com	<u>Program Chair</u> Kathi Parks kmp9611@gmail.com	<u>Publicity Chair</u> OPEN	<u>NavCom Editor</u> Tom Hilborn editor@eaa690.org

ALL ARE WELCOME!

Join in on chapters activities, meet new members and have a good time.

Chapter Calendar February 2020

Sun	Mon	Tue	Wed	Thu	Fri	Sat
26	27	28	29	30	31	1-Feb
				5:30pm Thursday Dinner 7pm BOT Mtg		8am Pancake Breakfast 12pm Slack Information Session 2pm Ground School
2	3	4	5	6	7	8
	8am David Reynold's Annual ?			5:30pm Thursday Dinner		2pm Ground School
9	10	11	12	13	14	15
		7pm GARS		5:30pm Thursday Dinner 7pm BoD Meeting		10am Young Eagles Rally 2pm Ground School 5:30pm Chili Dinner
16	17	18	19	20	21	22
		7pm GARS Workshop		5:30pm Thursday Dinner		10am Young Eagles Rally Makeup Day 2pm Ground School
23	24	25	26	27	28	29
				5:30pm Thursday Dinner		2pm Ground School

Visit Chapter 690's Social Media Sites for the latest updates and information.



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



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



<https://twitter.com/ea690>

Chapter Events and Happenings

Guest Speaker February 1st 10 AM

Mr. Russ Still

Presenting: "Engine Failure After Takeoff"

Russ Still is a career flight instructor and an LZU "resident" for over 20 years. He operates the Gold Seal Flight Training Network at www.OnlineGroundSchool.com. Russ is an ATP, CFI/CFII, and 8-Time Master CFI.



Join us at the next Pancake Breakfast for this important presentation!

CHAPTER PUBLICITY

Definition: Publicity

Type of promotion that relies on public relations effect of a news story carried usually free by mass media. The main objective of publicity is not sales promotion, but creation of an image through editorial or 'independent source' commentary. While the publicist can control the content of the story, he or she may not have any control over its placement or interpretation by the media.

Chapter 690 needs a Publicity Chair Person to help promote and grow our chapters image and create community awareness for our many events. We have over 260 members and someone out there has the skills, desire, ability and determination to take on this roll for our chapter.

Contact any of our chapter officers if you know this person or are interested in this important position.

YOU ARE NEEDED!

President

John Morgan

president@eaa.org

Vice President

Louis Pucci

vp@eaa690.org

Secretary

Rich Hopkins

secretary@eaa.org

Treasurer

Ben Davis

treasurer@eaa.org

EAA 690 Pancake Breakfast

OPEN TO ALL Fly-In and Drive-in

Next Event - February 1st. at 8:00 AM

Menu:

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

All you can eat, **\$7.00** donation

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 DISAPOINTED!

Pancake Breakfast January 4th 2020 Honoring Duane Huff

By: Kathi Parks

NOW is our time to help Duane Huff celebrate a couple of lifelong awards that are very prestigious. Firstly, the FAA promotes the WRIGHT BROTHERS MASTER PILOT AWARD. The first award was given on July 18, 2014. It recognizes pilots who have conducted 50 or more years of safe flight operations. Currently, Roger Williams, with the FAASTEAM Program, was proud to bestow a certificate and special lapel pin to Duane Huff at our January Fly-In Breakfast. This award recognizes local pilots who exhibited professionalism, skill, and aviation expertise for at least 50 years as an active pilot. Duane was presented this recognition in front of his family and EAA members at our January breakfast. His smile was bigger than the plaque!

Secondly, mark your calendar for April 18. This will be the Georgia Aviation Hall of Fame Induction. We are thrilled to announce that Duane will be one of three inductees. If you are interested in attending this special event, go to georgiaaviationhalloffame.com. The dinner and induction will be held at Epps Aviation, Hangar 1. How thrilling 2002 is for Duane!



Chapter Events and Happenings

Fly-Out Sunday January 5th “South Carolina Breakfast Club” - GMU

By: Tom Hilborn

My pilot for this \$100 breakfast was Richard Superczynski, a 690 chapter member and a member of AeroVentures. Richard is 28 years old and recently earned his commercial endorsement, he and I have flown together a number of times.

It was a cold but beautiful morning with wheels up about 7:30 AM. The flights out and back went well with no problems save for a lot of traffic leaving GMU, it took nearly 30 min. to get airborne. The group hosting the event, South Carolina Breakfast Club has been holding a breakfast since 1938 with no plans to stop anytime soon. They had a raffle and a number of recognitions like Youngest Pilot, Pilot from farthest away and worst landing. Lots of hanger flying and meeting new folks, well worth the trip.



Richard beside the flight line



Nice turn out and, all you can eat

SCBC 2020 SCHEDULE

DATE	UNICOM	LOC	ID
Jan. 5	ATC	Greenville (GMU)	
Jan. 19	122.8	Walterboro (RBW)	
Feb. 2	ATC	Grand Strand (CRE)	
Feb. 16	123.0	Georgetown (GGE)	
Mar. 1	122.7	Mt. Pleasant (LRO)	
Mar. 15	123.0	Pelion (6J0)	
Mar. 29	122.9	Bishopville (52J)	
Apr. 5	122.9	Holly Hill (5J5)	
Apr. 19	122.9	Broxton Bridge (SC55)	
May 3	123.05	Rock Hill (UZA)	
May 17	122.8	White Plains (SC99)	
May 31	122.8	Palmetto Air (SC41)	
June 7	122.975	Greenwood (GRD)	
June 28	122.8	Pickens (LQK)	
July 12	122.725	Salisbury (RUQ)	
July 26	122.9	Triple Tree (SC00)	
Aug. 9	123.0	Spartanburg (SPA)	
Aug. 23	123.05	Moncks Corner (MKS)	

Sept. 6.....122.8 Laurens (LUX)

Sept. 20... 123.075Owens (CUB)

Sept. 27 123.6 Anderson (AND)

Oct. 11 123.0 Camden (CDN)

Oct. 18 122.7 Sumter (SMS)

Nov. 1 122.7 Orangeburg (OGB)

Nov. 15..... 122.8Allendale (AQX)

Nov. 29..... 123.05 Winnsboro (FDW)

Dec. 13..... 122.8 Aiken (AIK)

Remember Our Motto

“SAFETY FIRST”

For more info call:

803-446-0214

EVERY OTHER SUNDAY SINCE 1938...

Pilots and aviation enthusiasts have met for breakfast at an airport somewhere in South Carolina and a few surrounding states – missing only events during World War II when aircraft fuel was not available. Pilots are a resourceful bunch and figured out how to fly by running their airplanes on car gas. The Breakfast Club resumed meetings two years later and continues to this day.



Some of the planes that flew in for the event

Chapter Events and Happenings

Chapter 690 Aviation Summer Camp 2020

By: Gay Roberts

Our ninth Summer Camp for ages 12 -18 will be June 15 – 19, 2020! This is a day camp from 9:00 am to 4:30 pm. **Alpha** and **Bravo** Camp groups for ages 12 – 15 will experience hands-on aviation and STEM oriented activities. **Charlie** Campers ages 16 – 18 will receive flight and ground school instruction. A Young Eagle flight is scheduled, weather permitting, for June 20. All Summer Camp participants are guaranteed a “right seat” experience for their Young Eagle flight.

If you have a young person or know of a young person interested in aviation please contact Gay Roberts, Camp Registrar, researcher.r@comcast.net or 770-630-8567 for more information.



Photo courtesy of John Slemp, "AEROGRAPHS Media Productions"

HELP SPREAD THE WORD

Chapter Events and Happenings

Heidi goes to school

By: Gay Roberts

Heidi was once again a hit at school with the kids, parents and teachers. She went to Simonton Elementary in Lawrenceville on January 23, 2020 accompanied by her “pilots” - Chuck Roberts, Ben Davis, Nick Nichols and “ground crew” - Gay Roberts, Jeanne Ferguson and Kathi Parks. While the “pilots” instructed the kids on how helicopters fly, the “ground crew” talked to parents and teachers about EAA 690’s Young Eagle program and Summer Camp. It was a great evening!



Chapter Events and Happenings

Georgia Aviation Hall of Fame Annual Induction Banquet and Ceremony Coming up on Saturday, April 18, 2020 “Honoring our own “Duane Huff”

By: Kathi Parks

Georgia Aviation Hall of Fame Enshrinement Banquet, April 18, 2020

Well, you asked the questions. I'm only passing out the info. Circle April 18 for the Georgia Aviation Hall of Fame Induction of Duane Huff. It is to be held at Epps Hangar at PDK!

Please read <https://www.gaaviationhalloffame.com/about/banquet/>

I Suggest we find out how many want to attend, then either buy individual dinner tickets at \$125.00, or by the table (\$1250.00) 10 are seated at each table). I understand dinner will include Surf and Turf.

I will be happy to keep track if needed. Any questions, call me or go to the above website. Won't this be fun?!

Kathi's Phone: 404/797-5725

Annual Chapter Chili Cookoff Saturday February 15

EAA 690 Chili Cookoff & belated Valentines day Extravaganza!

Gather at 5:30 PM

Chili entrees to Chapter hangar by 5:30 PM Bring a side dish for 6 Chili Judging at 6:00 PM Eat at 6:30 PM Entertainment 7:30 until whenever.

This is the best way for you to have a great night out with your sweetie for Valentines day so be there!

Chili must be delivered to the hangar by 5:30 pm and judging will begin at 6:00 pm. We will eat at 6:30pm. This year we will have 3 competition categories, Ultralight - For lighter tastes, HomeBuilt - That secret family recipe, and Warbird - Hotter is better, along with an overall winner. So if you are planning on bringing chili, break out the family's secret recipe and get the stove fired up!



If you're more into sampling the masterpieces of others, we ask that you bring either a side dish or a dessert. As always, donations will be accepted and are greatly appreciated!

EAA 690 Youth Build Project Update

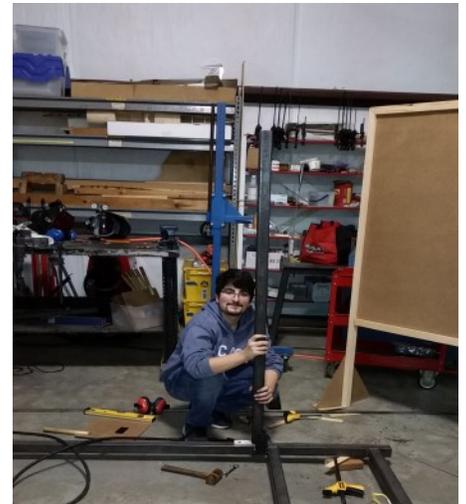
Captions by: Joel Levine



Anthony and Adon finishing up the left-most brace for the safety barrier



As a safety measure the guys are fabricating a safety support on the upper storage area. Ken Lightener, mentor for the R/C build project, is caught here checking out the workmanship while putting the R/C model



The 2-place Pietenpol engine is almost ready to run. Shown here is Max working on the engine test stand that will be used to break in the engine.



Adon shown here stringing the cable for the safety barrier.



Gustav is shown here with the grinder removing a poor weld in preparation for rewelding.



Part of the engine stand construction entailed learning to weld. Max shown here generating sparks!

Chapter Events and Happenings

Heidi's New Ride!

Part 1

By: Chuck Roberts 1/20/2020

As most of you know: Heidi, the helicopter trainer, was designed to teach a class at our week-long summer camp on how helicopters fly and are controlled. There was no thought of Heidi "going places" and, therefore, no thought of transportation issues. Of course all that changed since that first class in June of 2015. Now she spends almost all of her time in outreach to spread the word about chapter 690's many aviation educational programs.

Because the age range of our summer campers is 12 through 18 it meant Heidi needed to accommodate body sizes from late pre-teen through adult. Furthermore, as Heidi was built in my shop and would be transported to the Lawrenceville airport in my pick-up truck (I thought only once) she had to fit through the double doors on the back of my shop (setting overall height while rolling on her wheels) and go into the truck bed (setting overall width). When Heidi is rolling around on her wheels she is 6 feet, 5 inches tall and when she is down on her skids she is 6 feet, 2 inches tall. In all cases she is 48" wide and about 10 feet long. It is her height that is the issue.

After spending a year looking for an affordable enclosed trailer I have found none that meet our requirements. The usual wedge-front enclosed utility trailers are all made with 6 foot rear door heights (even though their interior heights are tall enough for Heidi) and while horse trailers are tall enough they are much too heavy to be towed by cars and are very, very expensive. The reason I mention cars is we want to have a system where other chapter members can take Heidi "on the road" and not be required to have a pick-up truck with an 8 foot long bed. Hence a custom designed and built trailer for Heidi.

Heidi's new trailer is now under construction in my shop. At this point the base frame is welded together as shown in this picture.

In this picture the frame is upside down and viewed from the rear end of the trailer. It is 5 feet wide and 10 1/2 feet long. When the trailer tongue and tongue jack are added the overall length will be 13 feet long. Of course, with the wheels and fenders on the sides, the overall width will be greater.

Lastly, the outside of the enclosure will be covered with Fiber Reinforced Plastic (a.k.a. FRP) and designed to be weather tight. All of the vertical surfaces FRP will be attached with flush AN426 rivets so the surfaces will be smooth to accommodate whatever type of graphics we choose (paint or wrap) to put on the outside to advertise Heidi and our chapter's programs. That way, all the time we are driving down the road, we are spreading the word about Chapter 690!

Hopefully by next issue we will have a picture of Heidi's new trailer completed if not decorated.



Chapter Events and Happenings

Chapter Member Milestone

By TJ Hilborn:

Chapter member and past president Billy Stewart recently flew his newly completed and checked out Zenith 601 for the first time out of LZU. Billy reported he made a 40 min flight and only found a couple of issues to address. Now to fly off the first 100 hrs. to make his new plane ready to go.



Airborne-Unmanned 01.14.20: 1st US EHang Flt

Reprinted from: AERONews Network "Propwash" 1-16-20

EHang conducted its first-ever US trial flight of its two-seater passenger-grade AAV, the EHang 216 on Jan 7, as part of the North Carolina Transportation Summit hosted by the North Carolina Department of Transportation (NCDOT) on January 8 and 9.

This represents the first time that the EHang 216 has received flight approval from the FAA. While this was a non-passenger flight, EHang is working with the FAA to secure approval for a passenger trial flight of the EHang 216 in the near future. EHang conducted its first-ever US trial flight of its two-seater passenger-grade AAV, the EHang 216 on Jan 7, as part of the North Carolina Transportation Summit hosted by the North Carolina Department of Transportation (NCDOT) on January 8 and 9.



Chapter Events and Happenings

Saturday, Feb 22, 2020

Planes, Trains, Automobiles

Plant City Airport (KPCM) Plant City, FL



Join us for the 10th Annual Planes, Trains, Automobiles family friendly event featuring air shows, antique cars, and model trains. There will be free flights for the first 125 kids ages 8-17. Spaces are limited and children will need to be preregistered to receive the flight. The event will also include live music, up close displays, food, kids bounce house area, and FUN! The event will take place on Saturday, February 22nd, 2020 from 10:00am - 3:00pm. The event is FREE and parking is only \$5. The proud title sponsors for the event is Nationwide and Stahl Insurance.

Phone: 813-754-3707 Email: info@plantcity.org Website: <https://www.facebook.com/PlanesTrainsAutos/>



Young Eagles Report January 2020

Duane Huff & Wes Riddick, Young Eagle Coordinators

Young Eagles Make-Up Day January 25th, 2020

Report by: Randy Epstein

We flew twenty-seven (27) Young Eagles yesterday on our makeup day for last week's rain out. If I forget your name I apologize ahead of time, thanks to our pilots, John Post-Sr, Bill Bell, Brian Michael, Francois-Xavier de Fromont, Bill Thomasson and, new pilot to us, Thomas Morrissey.

Registration crew was Kathi Parks, Barbara Epstein, Jeanne Ferguson and Gay Roberts.

Ground crew included Jimmie Rickerson, Ben Davis, Rich Hopkins, Scott Rogers, Allen Maynard, Paul Kyser and Joshua Foster. Paul and Joshua are Youth Build members. Duane Huff took care of preflight briefings.

Aero-Terms!

Reprinted from AERONEWS Network "Propwash" 1-11-20

Low Approach

An approach over an airport or runway following an instrument approach or a VFR approach including the go-around maneuver where the pilot intentionally does not make contact with the runway.

NavCom Feature “AEROGRAPHS”

Photo courtesy of John Slemp, “AEROGRAPHS Media Productions”

<https://www.aerographs.com>

2019 ASMP Photo Contest - Another Winning Entry!

John Slemp is pleased to announce that once again he’s had an image selected in the prestigious annual photo contest conducted by the American Society of Media Photographers. His aviation photography was previously selected in 2008, and again in 2015, and this year’s entry of a HondaJet garnered third place honors in the Commercial Category.

Created for Epps Aviation in Atlanta, the image was created by using a technique known as “light painting,” where a static object is lit (in this case with a battery powered strobe), which is moved over the object while several different images are created. The resulting images are then combined in Photoshop to create the finished result. This image consists of nine different images, which took about 30 minutes to complete, right at dusk.



©2019 John Slemp

This technique allows for great control over the lighting, without the need for a great deal of time consuming set-up, and a minimal crew. In this case, I was working by myself, and with the assistance of one of the Epps line crew, was able to create the series of images necessary for the finished composite. The image was used for advertising Epp’s charter service.

John continues to hone his skills and has recently added video production to the mix. Should your company have a need for award-winning images or video, please feel free to contact us anytime. More examples of John’s work can be seen at www.aerographs.com.

Love to fly (or want to learn)? Join AeroVentures Flying Club!

You don't need to own a plane to enjoy flying! By joining AeroVentures Flying Club, you'll have access to the club's well-maintained fleet as well as to training from our certified flight instructors.

Founded in 2012 at Gwinnett County airport (LZU), the club now has over 60 members of all ages and backgrounds — from student pilots to certified flight instructors — to those who simply enjoy flying.



Benefits of AeroVentures Flying Club membership:

- Convenient Lawrenceville, GA location; easy access from anywhere in metro Atlanta
- Hangared, well-maintained aircraft including:
 - Cessna 150 (2 seater)
 - Cessna 172N Skyhawk (4 seater)
 - Cessna 172TAA Skyhawk (4 seater, commercial trainer)
 - Piper PA-28-151 (4 seater)
- Competitive, affordable hourly rates for aircraft rental
- Experienced certified flight instructors available for all levels of flight training from beginner to commercial rating



For more information on AeroVentures Club membership:

Web Site: www.flylzu.com
Email: jpost@4tsi.com
Call: John Post at (770) 595-0684

Listing 910239

WANTED Aircraft Partnership

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

Contact: **Hank Stoehr** 770-53-7697 email: dunwellconstruct@att.net

Listing 9102025

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

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

Women's Sizes XL L M S

Contact Kath Parks: email kmp9611@gmail.com or cell 404-797-5725. Shirts are available in Hangar 1

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

Send your info to: Tom Hilborn editor@eaa690.org

Please Include:

High Res Pictures in tiff, bmp, or jpg, Description of event or item(s)

Your contact info: Name, Phone Number and Email address

A Donation to EAA 690 for your listing would be appreciated

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

Directions to EAA 690

From Atlanta, 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: Tom Hilborn, Email: 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. Your input, comments and suggestions are always welcome.

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Our Contact Info is:

EAA Chapter 690, 690 Airport Road, Lawrenceville, GA 30046 Hanger #1 Ph. 770-339-0804