



NavCom Newsletter

January '21

Lawrenceville, GA LZU



Presidents Pitch

OUR RICH HISTORY

By: John Morgan

As you all know, 2020 was supposed to be the chapter's celebration of the 40th anniversary since our founding in February 1980. Well that did not turn out too well. So while we now enter this next chapter of ridding ourselves of the covid virus, I encourage all of you who are still shut in to go to our website at eaa690.org and open the NavCom tab. By the time you read this or shortly thereafter, all of the NavCom newsletters from the past 40 years will be posted there. I promise that you will be entertained by all the events that have taken place in this chapter during the past 40 years. For instance did you know that Tom Hilborn was not the first chapter member to be named National Newsletter Editor of the Year? I won't tell you who was as you will just have to find that out for yourselves. In addition Chapter Historian Jeanne Ferguson and Newsletter Editor Tom Hilborn will be featuring historical events and articles in future editions of the NavCom. If you are not receiving our weekly Notam, then go to the Notam tab in the NavCom page of the website and fill in your information.

I know that a number of our members including myself have already received the first dose of the Covid 19 vaccine and have been scheduled for the second dose. If you are among that group then please come back and actively participate in your chapter. The B17 is coming the 3rd weekend in March and we need volunteers. We also need more Young Eagle pilots and ground crew for upcoming Young Eagle events.

At the February Pancake Breakfast on the 6th we will present Harrison Curry our newest Ray Scholar with his check as well as doing the shirt cutting to recognize his recent first solo. Also beginning in February we will be reactivating our policy of having a speaker at each pancake breakfast.

But the speaker will be a chapter member for the immediate future. In February I will present the first of a 2 part series on "The man who flew the Memphis Belle". Robert Morgan (no relation) was a most interesting individual as you will find out as we study his life as well as the airplane crew and the history of the Belle itself. If you have a story to tell or a presentation to make then please contact Kathi Parks to get on our speaker schedule.

In closing I would like to give this month's SHOUT OUT to John Slempe for the wonderful photography that he provides the chapter. It is great to have a professional in that role.

Please pay your dues and stay safe!

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



<https://www.instagram.com/eaa690/>



<https://twitter.com/eaa690>



<https://www.facebook.com/groups/eaa690/>

Chapter Web Site: WWW.EAA690.ORG

Calendar February 2021

Current and future scheduled chapter activities should be viewed as **"Tentative"**. Please check the chapter "Slack" application or, contact one of our chapter officers for updates on future activities.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
31	1-Feb	2	3	4	5	6
		11:30am GOP Picnic	7pm Ground School			8am Pancake Breakfast 12pm Slack Information Session
7	8	9	10	11	12	13
		11:30am GOP Picnic	7pm Ground School	6pm Board of Director's Meeting		9am Youth Aviation Program Session
14	15	16	17	18	19	20
		11:30am GOP Picnic	7pm Ground School	7pm VMC/IMC Club		9am Youth Aviation Program Session 10am Young Eagles Rally
21	22	23	24	25	26	27
		11:30am GOP Picnic	7pm Ground School			9am Youth Aviation Program Session 10am Young Eagles Rally Makeup Day
28	1-Mar	2	3	4	5	6
		11:30am GOP Picnic	7pm Ground School			8am Pancake Breakfast 12pm Slack Information Session

Pancake Breakfast (Tentative)
Saturday February 6th 8am to 10am

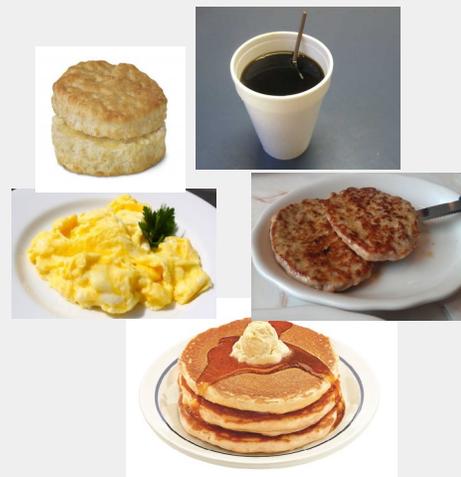
Young Eagles Rally (Tentative)
Saturday February 20th 10am to 1 pm

Chapter Personnel

<u>President</u> John Morgan president@eaa690.org	<u>Vice President</u> Louis Pucci vp@eaa690.org	<u>Secretary</u> Rich Hopkins secretary@eaa690.org	<u>Treasurer</u> Ben Davis treasurer@eaa690.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> Charles Harker	<u>Program Chair</u> Kathi Parks kp9611@aol.com	<u>Publicity</u> Your Name Here	<u>NavCom Editor</u> Tom Hilborn editor@eaa690.org

Pancake Breakfast February 6th

**Pancakes, Eggs,
Sausage, Biscuits
and Coffee,
All for just \$7.00**



Please attend and enjoy the company, hanger talk and comradery

Please Follow Our Covid-19 Breakfast Guidelines

As all of you are aware of the current Covid-19 situation that continues to affect our community and we have established some guidelines with respect to the breakfast and Covid-19. The breakfast will run from 8Am till 11am.

Upon arrival we will take everyone's temperature; if you should have a temperature please refrain from coming to the breakfast.

If your temperature is greater than 100.4 degrees, you may not enter the hangar.

Sanitizer is available upon entering and we strongly encourage everyone to use it.

All food, condiments, coffee etc., will be given to you by our staff.

Masks are required when not eating.

We will have a limited supply of masks available on a first come first basis. (Kindly donated by John Post).

Please maintain the social distancing guidelines, with the exclusion of family units; while obtaining your breakfast and at the tables.

If weather permits, table outside of the hangar are available.

When a member is finished with breakfast and leaves the table that location is sanitized by one of our volunteers.

Please be aware that any significant changes with the Covid-19 environment may result in cancellation of the pancake breakfast.

Please contact John Morgan or me if you have any questions.

Thanks, Louis Pucci

AEA Scholarship Applications Available Online

The AEA Scholarship Program Has Awarded More Than \$1.5 Million In Scholarships

The Aircraft Electronics Association Educational Foundation will award 23 scholarships totaling more than \$100,000 for the 2021-22 school year to students pursuing a career in avionics or aircraft maintenance, as well as employees and dependents from AEA member companies.

Each year, ANN joins with AEA to webcast the excitement of the aviation electronics industry to the rest of the world. One of the features of that week is the chance to expose the aviation community to the very fine work being done by AEA through its scholarship program--one that has empowered hundreds of future aviation professionals to join our ranks.

Even better; we have met with a number of men and women whose lives were empowered by these programs and we're impressed by the type of people that have been recipients of AEA's generosity.

Since its inception, the AEA scholarship program has awarded more than \$1.5 million in scholarships. Numerous awards are available, ranging from \$1,000 to more than \$35,000 each.

The deadline to submit an application is April 1, 2021. <https://aea.net/educationalfoundation/scholarships.asp>

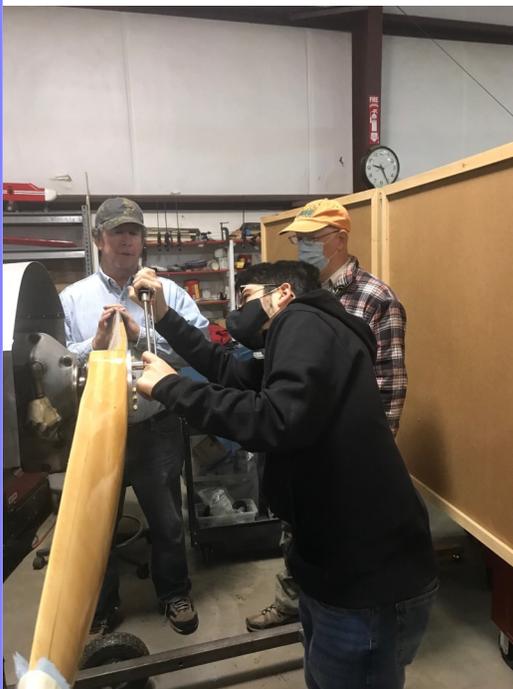
It's Alive!

By: Billy Stewart

One of the projects in the Youth Program has been the rebuilding of a Continental A-65 engine that was donated to the chapter, and the construction of a stand with basic controls and instrumentation to test run the engine. The engine was initially test run on December 20. We are happy to report the engine runs well.

The primary youth working on the project were Max Kramer, Gustav Scheid, and Karen Garcia supervised by Alex Kaduck and Billy Stewart. Max designed the engine stand the same three youth built the stand supervised by Billy Stewart and Larry Wallace.

The engine is a candidate for the full sized Pietenpol project in the youth program. We have several small items to clean up and then we plan to have the youth present a program at a chapter function and demo run the engine.



2021 Summer Camp Tentative Schedule - Calendar

By: Gay Roberts

	Monday June 14	Tuesday June 15	Wednesday June 16	Thursday June 17	Friday June 18
Limit 10	Alpha	Alpha	Alpha	Alpha	Alpha
9:00-12:15	Welcome 0.25 hr John Morgan Hangar 1 Model Aviation 3.00 hrs Joel Hangar 1	Composites for Aviation 3.25 hrs Chuck Hangar 1	Composites for Aviation 3.25 hrs Chuck Hangar 1	Drones & Competition 3.25 hrs Dakoda / Ben Hangar 1	Tool Box 3.25 hrs Brian Hangar 6
LUNCH 12:15-12:45					Pizza Drinks Dessert
12:45-4:00	Composites for Aviation 3.25 hrs Chuck Hangar 1	Composites for Aviation 3.25 hrs Chuck Hangar 1	Composites for Aviation 3.25 hrs Chuck Hangar 1	Tool Box 3.25 hrs Brian Hangar 6	NASA/Rockets 2.5 hrs Hangar 1 Lance Walthall Speaker TBD 0.50 hr Closing Remarks 0.25 hr John Hangar 1
Limit 10	Bravo	Bravo	Bravo	Bravo	Bravo
9:00-12:15	Welcome 0.25 hr John Morgan Airfoils/ Wind Tunnel 3.0 hrs Chuck Hangar 1 Lecture Upstairs Hands-on Downstairs	Tools 1.5 hrs Joel Hangar 6 Careers 3 Speakers TBD 1.75 hrs Hangar 1 Upstairs	Aileron Kit 3.25 hrs Brian Hangar 6	Electronics 3.25 hrs GARS and Joel Headset Project Hangar 1 Upstairs	Welding 3.25 hrs Fred Meyer Hangar 6
LUNCH 12:15-12:45					Pizza Drinks Dessert

Continued on page 6



2021 Summer Camp Tentative Schedule - By Presenter

cont. from pg. 5

Sessions by Day and Presenter

Monday June 13th	Time	Camp	Presenter	Location
Welcome	9:00-9:30	All	Randy Epstein	Hangar 1
Model Aviation	9:30 - 12:15	Alpha	Joel Levine	Hangar 1 & 6
Wing Ribs	12:45 - 4:00	Alpha	Duane Huff	Hangar 1
Propeller Carving	9:30 - 12:15	Bravo	Chuck Roberts	Hangar 1
Advanced Model Aviation	12:45 - 4:00	Bravo	Joel Levine	Hangar 1 & 6

Tuesday June 14th

Fabric Workshop	9:00 - 12:15	Alpha	Chuck Roberts	Hangar 1
Flight Planning & Flight Sim	12:45 - 4:00	Alpha	John Morgan & Randy Epstein	Hangar 1
Drones	9:00 - 12:15	Bravo	Dakoda Neilson	Hangar 1
Tools	12:45 - 4:00	Bravo	Joel Levine	Hangar 6

Wednesday June 15th

Principles of Flight	9:00 - 12:15	Alpha	Lisa Mozer	Hangar 1
Drones	9:00 - 12:15	Alpha	Dakoda Neilson	Hangar 1
Aileron Kit	9:00 - 4:00	Bravo	Brian Michael	Hangar 6

Thursday June 16th

Tool Box	9:00 - 4:00	Alpha	Brian Michael	Hangar 6
Composites	9:00 - 12:15	Bravo	Dakoda Neilson	Hangar 7
Pilotage & Operations	12:45 - 4:00	Bravo	Dakoda Neilson	Hangar 1

Friday June 17th

Pilotage	9:15 - 12:15	Alpha	Brian Michael	Hangar 1
ATC	12:45 - 2:15	Alpha	Randy Epstein	Hangar 1
Advanced Technology	9:00 - 12:15	Bravo	Dakoda Neilson	Hangar 7
Heidi	12:45 - 2:15	Bravo	Chuck Roberts	Hangar 1

Enrollment forms for the camp are available now.

Here is the link:

<https://chapters.eaa.org/ea690/programs/-/media/548FC90208F14900829B37FCF2A498D7.ashx>

If you have any questions please contact Gay Roberts, Camp Registrar, at 770-630 8567 (cell) or, summercamp@ea690.org.

Capt Amy Bauernschmidt Taking Over As CO Of Aircraft Carrier USS Abraham Lincoln

Reprinted from AERONews Network "Propwash" 12-26-2020

Female CO Will Command Aircraft Carrier for First Time.

The Navy confirmed that Capt. Amy Bauernschmidt will assume command of USS Abraham Lincoln (CVN 72) marking the first time a female commanding officer will lead the crew of one of the Navy's 11 nuclear-powered aircraft carriers.

Bauernschmidt will take command of Lincoln this summer, upon completion of the nuclear power, aviation, and leadership training required of aircraft carrier COs.

"I am incredibly honored and humbled to be selected," said Bauernschmidt. "I love leading Sailors and I take that responsibility extremely seriously."

Bauernschmidt was also the first female to serve as the executive officer aboard an aircraft carrier, a position she held from September 2016 to January 2019, also on the Lincoln.

Bauernschmidt is a native of Milwaukee, Wisconsin and graduated from the United States Naval Academy in May 1994, the first graduating class in which women were allowed to serve aboard combatant ships and aircraft.

She was designated as a Naval Aviator in 1996 and served with several helicopter squadrons throughout her career. She has previously commanded the "Spartans" of Helicopter Maritime Strike Squadron (HSM) 70 and amphibious transport dock USS San Diego (LPD-22).



Daily Aero-Term

Reprinted from AERONews Network "Propwash" 12-26-2020

Convective SIGMET

A weather advisory concerning convective weather significant to the safety of all aircraft. Convective SIGMETs are issued for tornadoes, lines of thunderstorms, embedded thunderstorms of any intensity level, areas of thunderstorms greater than or equal to VIP level 4 with an area coverage of 4/10 (40%) or more, and hail 3/4 inch or greater.

EAA 690 Youth Aviation Program 2020

By: Randy Epstein

Who knew, back in January, what surprises 2020 would have in store for the EAA 690 Youth Aviation Program. After a short hiatus due to COVID, the build started again at the beginning of July. In June we put together a small leadership team to go over the program document and make necessary changes. Most of the changes came from a meeting held early in the year between program mentors and chapter leadership. Those changes were in the program along with a couple of additional changes.

In July we began with a meeting of the youth to talk about the new changes and have some safety training along with going to hangar 6 and talking about rearranging and cleaning up in preparation for resuming the builds. It took a couple of weeks to cleanup and get ready to go again. We saw several of the current youth return and a couple of our previous youth return to the program.

When building resumed, covering of the wing began on the Ultra-Piet under the leadership of Joel Levine. The BD-6 project resumed under Andrews guidance as work continued on controls for the tail surfaces. Work also commenced on the R.C. project under the leadership of Ken Lightner.

At this time, the wing has been covered with a plan to leave one-third of it as-is, two-thirds with UV silver and then paint one-third. This will be done after part of the fuselage is covered. Once that work is complete, the wings will be mounted and control surfaces reconnected in preparation for hanging the plane in hangar 6.

The R.C. Modeling crew has completed the second trainer and has begun work on a third scale Piper Cub. We are also considering what other project we would like to add to the group.

Good progress has been made on the BD-6 controls and cables. Andrew had to take the month of November off to sell his house but is back now.

Ben Quick had his check ride weathered out twice now and is waiting on a slot to try again.

Alex Straka became a Private Pilot on January ,5th. Alex looks forward to flying Young Eagles. He will be our third youth program member to do so. Alex has also spent a lot of time helping to maintain the AeroVenture's fleet, earning credits while doing that.

Harrison Curry, one of our original youth that rejoined the program as we resumed. Harrison was recently named as the chapter's latest Ray Scholarship Awardee. Harrison has begun his flight training and currently has 13 hours in the logbook and expects to solo soon. We look forward to his continuing progress. Harrison is also a student with Embry Riddle.

For the year, our youth put in four hundred and sixty-three hours. We have thirteen active youth and a waiting list of ten. We look forward to resuming work on the full-size Pietenpol in 2021 and adding new youth to the program. Of course, none of this would be possible without the dedication of our mentors.

Mark Your March Calendar Aluminum Overcast coming to EAA 690

From: John Morgan and Louis Pucci

Aluminum Overcast, EAA's B-17 will be with us at KLZU from March 15th –21st for tours (subject to Covid status) and flights. The aircraft is on its way to Florida to do recurrence and check rides. The Chapter needs to begin making plans and needs someone to step forward to chair a committee for the visit. Volunteers will be needed for the visit as well. Please let John (rvdriver47@gmail.com) or Louis (p3812739@gmail.com) know your willingness to participate.



Member Activity

By: Randy Epstein

Congratulations to Harrison Curry on his solo Jan. 19th.



By: Dakota Neilson

Alayna and I are about 50% the way though the annual and our G5 install.

Chapter Flyouts

Frederic Culleton Jan. 4th Nice morning flight to KOPN



Frederic Culleton Jan. 13th
Nice Day out.

NavCom Feature “AEROGRAPHS”

Photo courtesy of John Slemp, “AEROGRAPHS Media Productions”

<https://www.aerographs.com>



An American Airlines jet on final approach into St. Maarten's Princess Juliana International Airport.



©2014 John Slemp

AERO TERM

Reprinted from AeroNewsNETWORK Propwash 1-28-21

Instrument Approach Procedure

A series of predetermined maneuvers for the orderly transfer of an aircraft under instrument flight conditions from the beginning of the initial approach to a landing or to a point from which a landing may be made visually. It is prescribed and approved for a specific airport by competent authority.



Young Eagles Report January 2021 Duane Huff & Wes Riddick, Young Eagle Coordinators



Alex Straka with his first ever YE. Way to go Alex...



Ben Davis with his YE's



Ben Davis with his YE's



EAA 690 Ground School

Up until the end of July, Brian has been hosting an online ground school every Mon, Wed, and Fri from 8-9pm. As of Aug 1, the new ground school schedule is Wed evenings from 7 to 9pm (posted on chapter calendar). The best way to keep in touch on the schedule is to join Slack, if you are not already on it. You can join Slack by going to this link

https://join.slack.com/t/ea690/shared_invite/zt-4y85xsgx-oyLTtp8M8SZAYVBml5i0vw

Once on Slack you should join the #ground school channel. The link for the ground school session is posted in the channel. The link to join is <https://join.freeconferencecall.com/ea690> but you should check on the channel in case Brain needs to change the schedule.

See you online!

2021 Chapter Officers and Board Members

President



John Morgan

VP/Chair BoD



Louis Pucci

Secretary



Rich Hopkins

Treasurer



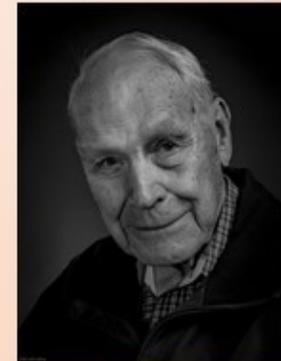
Ben Davis

BoT Chair



Charles Harker

Member at Large



Fred Huppertz

Member at Large



Frankie Rodrigues

Member at Large



Gay Roberts

Member at Large



Kathi Parks

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For more information on AeroVentures Club membership:

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

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Listing 020212

Aero-News Quote of the Day

Reprinted from AeroNews Network "Propwash" 1-28-21

"NASA has a unique culture that is fueled by possibility, set on a path to the next giant leap for humanity, and guided by its history. The lessons of our past are the enduring legacy of the brave women and men who did not put limits on what could be achieved, and we all recognize the honor of being counted among them as part of the NASA family."

NASA Acting Administrator Steve Jurczyk



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Large, 4 sided brick, home on 3, private, wooded acres in gated, fly-in community of Whispering Pines Airpark. This 5 bedroom, 3 bath home has it all. The 2 story foyer opens to hardwood floors and custom moldings. The formal dining room with judges paneling is large enough to seat 12+ and overlooks the outdoor deck. Spacious kitchen features an island, new cooktop, microwave, and oven, solid surface countertops, a walk-in pantry, and breakfast area that opens into the family room with fireplace, built-in bookcases, and huge windows letting in tons of natural light. One bedroom and a full bath are on the main floor in addition to den, library/office, and exercise room. The master with trey ceiling includes a huge walk-in closet and 2 office nooks. The ensuite features tile floors, double vanity, whirlpool tub, and separate shower. Step out onto the massive wrap around back deck that is partially covered and fenced. This outdoor deck along with the open floor plan make this a great home for entertaining family and friends. The fenced yard is perfect for kids and pets. Neighborhood amenities include access to 2500' of paved/grass runways and 2 lakes. Use one of our preferred lenders and receive \$500 lender credit.



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No Job is Too Big, No Job is Too Small

Listing 712221

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 format, 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

NavCom Newsletter January '21

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

DUE TO COVID-19 PLEASE CONFIRM ALL CHAPTER ACTIVITY BEFORE ATTENDING

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 and Turn Left, Go to 690 Airport Road on your right



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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