



NavCom Newsletter

March '21

Lawrenceville, GA LZU



Presidents Pitch

TFR'S, HOWLING WINDS AND A BIRD!

By: John Morgan

A lot happened around EAA690 in March. Most notably was a visit from EAA's B-17 "Aluminum Overcast". The visit turned out to be much longer than originally planned. Starting with Chapter VP & Tour Chairman Louis Pucci meeting EAA National VP and B-17 pilot Sean Elliott on Sunday March 14 when the airplane arrived at KLZU. The trip culminated with a few chapter members riding down to Lake City, Florida in the airplane on March 26 for its next tour stop. The suspected culprit in the long delay was probably a turkey buzzard but the bird did not have the guts to stick around and be identified. You can read all about it in another article in this month's NAVCOM. The good news is that the B-17 will be back at KLZU soon, so please give thanks to B17 tour manager Jon Eislee for making that happen.

Along with the B-17 visit we held our Annual Chili Cook-off on Saturday March 20. The turnout was good. I can't say for the Chili but the chicken noodle soup was outstanding. Joel Levine was the chili cook-off winner for his "EXPERIMENTAL" chili, so congratulations to Joel. B-17 pilot Ken Morris was our entertainment for the evening with a very informative 45 minute Q and A session about the airplane.

The March Pancake breakfast featured speakers Billy Stewart along with Max Kramer and Gustav Steiner doing a presentation about the rebuild of the Continental A65 engine for the 2 seat Pietenpol and the building of the engine test stand. The younger gentlemen did most of the presentation and did an outstanding job.

We did 2 fly outs in March. On March 4th we did a 5 plane fly out to the Swift Museum in Athens Tennessee. On March 13 a number of our chapter members were at the Peachstate Fly Out at Williamson, Georgia. Again there should be pictures of both in this NavCom.

At the April Pancake Breakfast I will be presenting part 2 of Robert Morgan (The man who flew the Memphis Belle). This part will cover the War Bond Tour of the USA and Morgan's Pacific Theatre B29 flying experiences over Japan. Plus I will cover his later life and all the history of the Memphis Belle as it eventually makes its way to Wright Patterson AFB Museum in Dayton, Ohio. 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 Frankie Rodriguez and Louis Pucci the Co- Chairman for the B-17 visit. I also wish to recognize all of our B-17 volunteers who braved the rain and wind and cold weather when doing the setup and participating in coordinating the flights. If the bird had not gotten us; then it would have been the most successful EAA airplane visit in or history. Hopefully the June revisit will be even better,

Please pay your dues and stay safe!

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



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



<https://twitter.com/ea690>



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

Chapter Web Site: WWW.EAA690.ORG

NavCom Newsletter March '21

Calendar April 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
28	29	30	31	1-Apr	2	3
		11:30am GOP Picnic		5:30pm Thursday Night Dinner 7pm BOT Mtg. 7pm Ground School		8am Pancake Breakfast 10am Speaker and Meeting 11am Technology Committee Meeting 11:30am Slack Information Session
4	5	6	7	8	9	10
		11:30am GOP Picnic		5:30pm Thursday Night Dinner 7pm Board of Director's Meeting		9am Youth Aviation Program Session
11	12	13	14	15	16	17
		11:30am GOP Picnic		5:30pm Thursday Night Dinner 7pm Ground School		9am Young Eagles Rally 9am Youth Aviation Program Session
				Sun-N-Fun Lakeland FL April 13-18		
18	19	20	21	22	23	24
Sun-N-Fun		11:30am GOP Picnic		5:30pm Thursday Night Dinner 7pm Ground School		9am Young Eagles Rally Makeup Day 9am Youth Aviation Program Session
25	26	27	28	29	30	1-May
		11:30am GOP Picnic		5:30pm Thursday Night Dinner 7pm BOT Mtg.		8am Pancake Breakfast 11am Technology Committee Meeting 11:30am Slack Information Session

Pancake Breakfast
Saturday April 3rd 8am to 10am
Speakers at 10am followed by Chapter Meeting

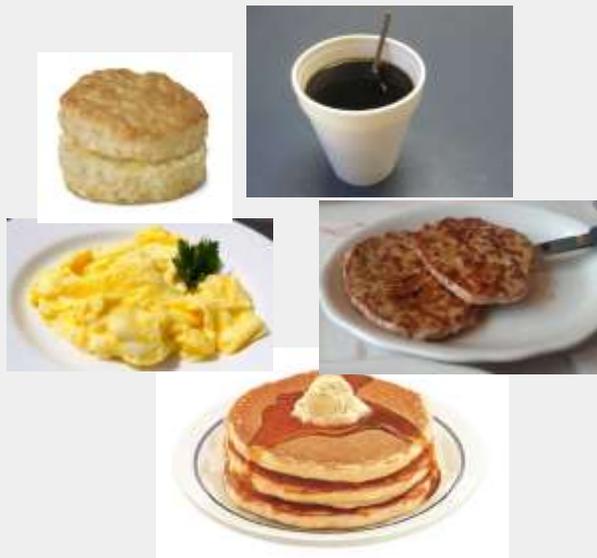
Young Eagles Rally (weather permitting)
Saturday April 17th 10am to 1pm

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> Frankie Rodriguez flynfranks@yahoo.com	<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 April 3rd

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



When was the last time you enjoyed our wonderful Pancake Breakfast and socializing with all the great folks at Chapter 690?

Presidents' Note (John Morgan)

The chapter is going to resume having monthly meetings of the chapter members. For the convenience of our members, these meetings will take place at the chapter hangar immediately following the speaker's presentation during our first Saturday Pancake Breakfasts.

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

Pancake Breakfast March 20th

By: Joel Levine

March began a slow return to the EAA 690 1st Saturday Aviation Program and Pancake Breakfast tradition. Both members and friends gathered following the guidelines laid out by our chapter officers and the State of Georgia. It was obvious from the group that everyone, starting with the kitchen crew to the membership, that everyone sought to return with absolute safety.

The program was presented by two of the youth who rebuilt the Continental engine, Max Kramer, Gustav Rivera led by Billy Steward. The rebuild required a complete inspection of the bottom end of the engine and a complete rebuild of the top end. In the course of doing the work the guys and gals designed the engine test stand shown in the photos. Not totally evident is the fantastic job of designing, fabrication and welding the steel frame together.

Following the program in the hangar the guys rolled out the engine on the test stand and connected to Billy's pickup truck and ran it for about 30 minutes. Without a starter the engine requires hand propping. Each time the engine was started with a single pull of the prop and sounded great! The engine is slated to go on the two-place Pientenpol under construction by the youth program in Hangar 6.

Attending the breakfast was Richard Taylor. Richard was part of the team led by Pat Epps who pulled the P-38 from the ice cap. His new book, "Roll the Pole" was presented to the Chapter as the door prize and won by Billy Miller presented to him by Kathi Parks. Richard and Pat have presented the story of "Glacier Girl" previously for the Chapter and is always interesting.



Chapter Chili Cookoff Saturday March 20th

Our annual "Chili Cookoff" took place in March, turn out was good and the chili was even better. We were joined by the pilots and crew of the visiting B-17 and were entertained by John Eislee, B-17 Tour Manager, and Pilot Ken Morris. The Grand Champion Chili Cook was crowned as well, our own Joel Levine won top award for his "Experimental Chili", congratulations Joel.

A special thanks to the Chapter Kitchen Crew for doing another great job organizing and serving.



AVIATION SUMMMER CAMP

June 14 – 18, 2021

Enroll now to save your spot!

Alpha Group for ages 12 & 13

Bravo Group for ages 14 & 15

We still have openings in Alpha and Bravo Groups.

Charlie Group for ages 16, 17 & 18

Charlie Group is full and has a waiting list.

Deposit **\$50.00** for all Groups

Balance **\$250.00** for Alpha and Bravo

Balance **\$325.00** for Charlie

Contact Gay Roberts cell: 770-630-8567 email: researcher.r@comcast.net

EAA 690 2021 Summer Camp Planning Meeting Notice



By: Gay Roberts

Our next Summer Camp Meeting will be on April 17 at 1:00 pm in Hangar 1. Please bring your questions and suggestions. I will post an agenda before the meeting.

See you then!

Chapter Member Flyout's in March

Pictures from the flyout to KMMI and visit to the "Swift Museum" March 4th.



Pictures from the "Peach State GA2" Flyout March 13th.



EAA B-17 Visits Chapter 690

By: Louis Pucci

EAA 690 had the opportunity to host EAA's B17, Aluminum Overcast over the weekend of March 18-21st.



This was the first tour stop for the B17 in 2021 in addition to being the first tour that Jon Eisele, Manager, Air Tour and Flight Programs organized. This tour was going to be a great start for the 2021 tour stop season.

Normally, the flights are at 10am, 11am, 12pm and 1am; which result in 120 revenue seats for the 3-day weekend. However, the demand had been so good Jon added 9am and 2pm flights; increasing the revenue seats to 180. Additionally, due to the pandemic environment there were no ground tours this year. However, a static display was planned after the end of the flights. Little did Jon or we know the challenges that would present themselves during this stop.

The first challenge occurred during the media flight day of Thursday, March 18th. The media and comp seats were ready to go. The props were turned 9 times on each engine to prevent hydraulic lock. This operation is usually done by the passengers on the first flight. Start-up went well and the B17 taxied out to the run-up area. After several minutes the B17 returned to the ramp area. Oil pressure problems. Flight canceled. **Bummer!**

Friday was for the revenue seats and with the oil pressure fixed, the flights started in the morning. If you had been outside that Friday, you would have been aware of the significant winds we were experiencing. The B17 was able to complete 3 flights before it was necessary to cancel the rest of the flights due to the significant crosswind. **Frustration!**

Saturday dawned with the same high winds that caused cancellation of the balance of the flights on Friday. However, wind wise, we were fortunate as the wind was straight down the runway and would not affect the flights. Oil pressure wise, not so fortunate! The problem from Thursday struck again. With the oil pressure fixed after a 2 hours delay, flights operations resumed. We were on a roll! The flights were safely and expeditiously being turned around and as the 5th flight of the day was finishing, a feathered friend intervened; **Bird Strike! You have got to be kidding!** Ken Morris one of the pilots saw the bird momentarily and tried to avoid it: unsuccessfully. The bird strike was on the leading edge of the starboard wing between engine #3 and #4. It probably was either a Canadian Goose or a Turkey Vulture. Aluminum Overcast was grounded!

What to do?

Obtain a ferry permit to move to a repair shop or fix it locally.

With the decision to fix it locally, Tracy Buttles, an A&P at EAA Oshkosh travel down to LZU to repair the damaged area under FAA Form 337.

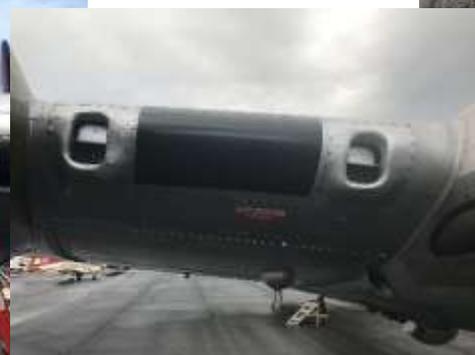
The repairs to the wing included: strengthen two damaged ribs, adding a new stringer, reinforcing and drilling new mounting holes and nut plates for the oil cooler scoop and making an aluminum patch for the leading-edge,



EAA B-17 Visits EAA 690 cont. from page 8



Aluminum Overcast Parked Outside BEH



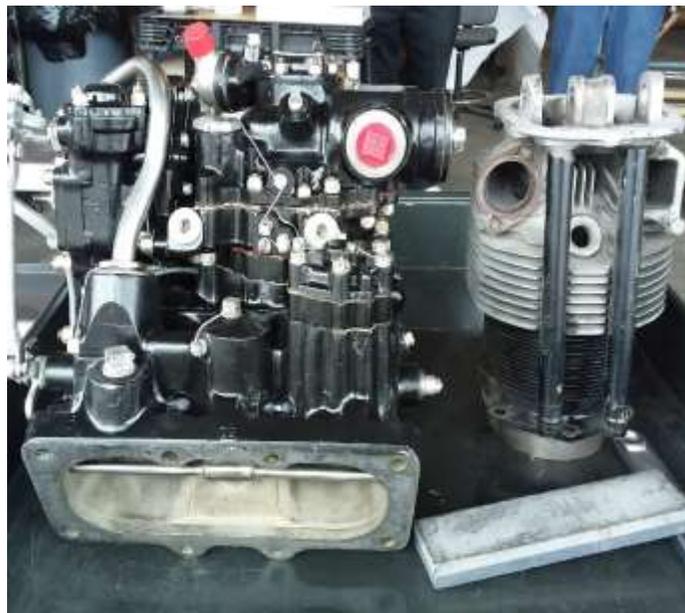
While the bird strike was disheartening; the fact that it happened at LZU, where EAA 690 is located, was fortunate due to the supplies and equipment in BEH (Bishop Educational Hangar). We were able to supply the .040 aluminum for the leading edge and other material to affect the repair.

EAA B-17 Visits EAA 690 cont. from page 9

Exchanging carburetors, you ask.

It seems that EAA is using electronic data analysis on the engines of the B17 and the data indicated that the carburetor on #3 engine was not capable of being leaned sufficiently.

Apparently, replacing the carbs is %\$#)(*&^|).



With the repairs and test flight completed we were able to get two flights in on Friday, March 26th; the make-up media/comp flight and the repositioning flight to Lake City, FL.



B17 team. Back row: Keith Lee, Tour Coord.; Glenn Hill, A&P; Jon Eisele, Mgr. Tours; Ken Morris, Pilot, Tracy Buttles, A&P. Front Row: Richard Taracka, A&P; Alex Kirkland, Apprentice B17 A&P; Rex Gray, Pilot.

EAA B-17 Visits EAA 690 cont. from page 10

For the repositing flight to Lake City, FL we had 7 seats (Alex already had a seat because of the extensive help he provided the B17 team during B17 repairs). There was a drawing for these 7 seats from the volunteers that had worked on the actual fight days. Regrettably, some of the winners were unable to make the Lake City flight so we found substitutions from the list of 10 names drawn.



Lake City Flight Chapter Members.
Back Row: Dave Darby, Billy Stewart,
Larry Wallace. Front Row: Rich
Hopkins, Jeff Coffey, Alex Kirkland,
Steve Marlowe, Carlo Sanchez.

Frank Rodriguez, Tour Stop Manager and myself want to thank all of the volunteers for this challenging tour stop. Your chapter had over 40 volunteers step forward to support the B-17. Thank you!

**Now the really exciting news:
Aluminum Overcast is coming back
the weekend of June 10th - 13th**

Quote of the Day (Your Chapter in the News)

Reprinted From: Propwash Aero-News Network 3-26-2021

"It was really a team effort. Chapter 690 offered tremendous assistance to both the tour personnel and the EAA headquarters staff who immediately traveled to Georgia to work on the aircraft. We also got great support from everyone on the airport, which allowed us to fully repair the minor damage to the wing and put the airplane back on tour."

Source: Dennis Dunbar, EAA's director of flight operations, discussing the speedy and expert repairs made to EAA's B-17 after a bird strike did a bit of damage several days ago.

Member Activity

By: Joel Levine

A mile stone to be commemorated. Here we have Harrison Curry enjoying the tradition of having his shirt cut out upon completing his first Solo Flight. Congratulation Harrison, a well deserved honor.



UPDATE: Friday March 26th.

Harrison Curry passed his Private Pilot Written Exam Today! Outstanding Harrison, well done.

AERO TERM

Reprinted from AeroNewsNETWORK Propwash 3-27-2021

Friction Measurement

A measurement of the friction characteristics of the runway pavement surface using continuous self-watering friction measurement equipment in accordance with the specifications, procedures and schedules contained in AC 150/5320-12, Measurement, Construction, and Maintenance of Skid Resistant Airport Pavement Surfaces.



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

By: Brian Michael

March Young Eagles cancelled due to strong winds...



EAA 690 Ground School

Ground School, hosted by Brian Michael, is scheduled Wednesday 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/eaag690/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/eaag690> but you should check on the channel in case Brain needs to change the schedule.

See you online!

NavCom Feature “AEROGRAPHS”

Photo courtesy of John Slempe, “AEROGRAPHS Media Productions”

<https://www.aerographs.com>



EAA B-17 “Aluminum Overcast” under repair at Chapter 690



Editors Note:

Chapter member and master photographer, John Slempe, has posted a number of great photos of the B-17 and the repairs that were done at 690's hangar #6 this past week. Follow this link to view his photo documentation of the repairs.

<https://www.aerographs.com/gallery/B-17-Repair/G0000MsGcsx67yII>

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.



Our Cessna 172 planes are popular trainers

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



The Cessna 150 is an affordable rental

For more information on AeroVentures Club membership:

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

CRYE-LEIKE[®]
REAL ESTATE SERVICES

jeffbruce23@gmail.com

678-935-8303



Buying or selling a house? I am available for all your ground based operations. I would enjoy the opportunity to serve you.

Jeff Bruce



Listing 020212

Famous Quote's

“According to recognized aero technical tests, the bumblebee cannot fly because of the shape and weight of his body in relation to the total wing area. The bumblebee doesn't know this, so he goes ahead and flies anyway.”

— *Igor Sikorsky*



**4000 Whispering Pines Trl NW
Conyers Ga 30012**

~~\$525,000.00~~

\$499,900.00

SHANNON SELLS TEAM
SHANNONSELLSTEAM.COM

**Located at GA80
Whispering Pines Airpark**



HOME SWEET HOME!

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.



RUDY BREEDLOVE

Direct: (404) 285-5219

Office: (678) 272-2576

Fax: (770) 914-5121

Rudy@shannonsellsteam.com

SOUTHSIDE, REALTORS®

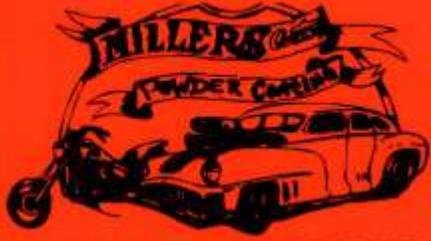
86 S Zack Hinton Blvd, McDonough



Miller's Powder Coating has been in business for over 25 years.

Our commitment to our customer is quality and service.

Professionalism our Motto!



- CERAMIC HI TEMP HEADERS
- CUSTOM POWDER COATINGS
- SAND & MEDIA BLASTING

MILLER'S POWDER COATING
4251-B WAYSIDE CT. LILBURN, GA 30047
www.millerpowdercoating.com

BILLY MILLER
770-931-1505



We offer several services here at Miller's Powder Coating including: **Sandblasting:** We have a complete blasting service with a booth large enough to blast an entire car or smaller items such as a patio chair or small parts. **Powder Coating:** We are capable of coating items as large as a car or frame or as small as nuts and bolts.

Contact us at 770-931-1505 or visit our web site at: www.millerpowdercoating.com

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 March '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.

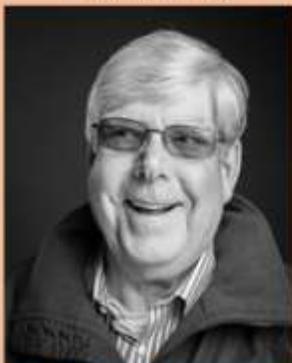
Copyright © 2021 Gwinnett Experimental Aircraft Assoc. Chapter 690, Inc.

Our Contact Info:

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

2021 Chapter Officers and Board Members

President



John Morgan

VP/Chair BoD



Louis Pucci

Secretary



Rich Hopkins

Treasurer



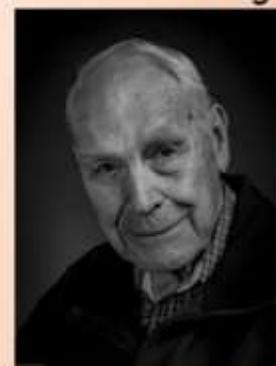
Ben Davis

BoT Chair



Charles Harker

Member at Large



Fred Huppertz

Member at Large



Frankie Rodrigues

Member at Large



Gay Roberts

Member at Large



Kathi Parks