



# NavCom Newsletter

Experimental Aircraft Association Lawrenceville, GA - KLZU

## August 2020



### Presidents Pitch

By: John Morgan

#### TREADING WATER

We are now finishing six months of the Covid 19 restrictions and I would describe the current condition of EAA 690 in relation to the pandemic as treading water. We are not swimming merrily through the year but we are not drowning either. We are now back to conducting all of our normal chapter activities in person with some activities offered both in person and virtually online.

The trial Pancake Breakfast in August was a success as we had enough people show up to at least break even financially and all who attended seemed to have a very good time with some in attendance staying all morning to relish the opportunity to visit with other like minded individuals.

The safety guidelines that we used seemed to work well and we will continue to use them for future gatherings. The guidelines are published somewhere here in the NavCom.

**THERE IS A MEMBER MEETING AT 11:00 AM SATURDAY SEPTEMBER 5TH FOLLOWING THE PANCAKE BREAKFAST!** (see page 3)

We will be voting on the proposed changes that we introduced at the March Pancake breakfast but could not hold a vote on the changes at that time.

If you are unaware of the changes, they involve limiting the monies that the Board of Directors can spend and receive on behalf of the chapter. These changes are made to bring our bylaws in line with rules governing 501C3 charitable corporations. The notice of these changes will also be published in this issue of the NavCom.

We will also be discussing possible future allocations of funds for several future projects under consideration by the Board of Directors. We will be conducting an open forum to hear your view on our agenda items and listen to other topics that you view as important to EAA 690.

In closing, I am giving my monthly SHOUT OUT to John Post for his service to the Board of Directors and for his free flight instruction to our Youth Build kids as they prepare to solo.

Stay Safe!

#### Pancake Breakfast (Tentative)

September 5th  
8 AM to 11 AM

#### Young Eagles Rally (Tentative)

Saturday September 19th  
10 AM to 1 PM

#### Chapter Personnel

<u>President</u> <b>John Morgan</b> <a href="mailto:president@eaa690.org">president@eaa690.org</a>	<u>Vice President</u> <b>Louis Pucci</b> <a href="mailto:vp@eaa690.org">vp@eaa690.org</a>	<u>Secretary</u> <b>Rich Hopkins</b> <a href="mailto:secretary@eaa690.org">secretary@eaa690.org</a>	<u>Treasurer</u> <b>Ben Davis</b> <a href="mailto:treasurer@eaa690.org">treasurer@eaa690.org</a>	<u>Chairman BoD</u> <b>Louis Pucci</b> <a href="mailto:vp@eaa690.org">vp@eaa690.org</a>
<u>Vice Chairman BoD</u> <b>John Post</b> <a href="mailto:jpost@4tsi.com">jpost@4tsi.com</a>	<u>Chairman of Trustees</u> <b>John Morrow</b> <a href="mailto:jmorrow101@gmail.com">jmorrow101@gmail.com</a>	<u>Program Chair</u> <b>Kathi Parks</b> <a href="mailto:kp9611@aol.com">kp9611@aol.com</a>	<u>Publicity</u> <b>Your Name Here</b> -	<u>NavCom Editor</u> <b>Tom Hilborn</b> <a href="mailto:editor@eaa690.org">editor@eaa690.org</a>

# Chapter 690

## Chapter Calendar September 2020

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
30	31	1-Sep	2	3	4	5
KLZU Displaced Thresholds (3,700' Usable)						
		11:30am GOP Picnic	7pm Ground School	5:30pm Thursday Dinner		8am Pancake Breakfast
				7pm BOT Mtg		12pm Slack Information Session
6	7	8	9	10	11	12
KLZU Displaced Thresholds (3,700' Usable)						
		11:30am GOP Picnic	7pm Ground School	5:30pm Thursday Dinner		
		7pm GARS		7pm BoD Meeting		
13	14	15	16	17	18	19
KLZU Displaced thresholds (3,700' Usable)	KLZU 07/25 PLANNED CLOSURE					
		11:30am GOP Picnic	7pm Ground School	5:30pm Thursday Dinner		9am Young Eagles Rally
		7pm GARS Workshop		7pm VMC/IMC Club		
20	21	22	23	24	25	26
KLZU 07/25 PLANNED CLOSURE						
		11:30am GOP Picnic	7pm Ground School	5:30pm Thursday Dinner		9am Young Eagles Rally Makeup Day
27	28	29	30	1-Oct	2	3
KLZU 07/25 PLANNED CLOSURE						
		11:30am GOP Picnic	7pm Ground School	5:30pm Thursday Dinner		8am Pancake Breakfast
				7pm BOT Mtg		12pm Slack Information Session

Chapter Web Site: [WWW.EAA690.ORG](http://WWW.EAA690.ORG)

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

### Chapter Member Meeting Sat. Sept. 5th

11:00 AM following the Pancake Breakfast

There will be a discussion and a membership vote on changes to the by-laws, everyone should attend. For those of you out of the loop we had a chapter membership meeting after the March 7, 2020 breakfast where the membership approved proposed wording changes to the by-laws and gave the Board of Directors authority to continue under the old by-laws until a vote could be taken at a membership meeting, currently being scheduled for 11 am following the pancake breakfast on Sept. 5th.

#### Rules for attending our breakfast and meetings, from Louis Pucci

As all of you are aware of the current Covid-19 situation that continues to affect our community we have established some guidelines with respect to the breakfast and Covid-19.

1. Only current members of EAA 690 are asked to join the pancake breakfast on Aug. 1st.
2. The breakfast will run from 8am till 11am.
3. Upon arrival we will take everyone's temperature; if you should have a temperature please refrain from coming to the breakfast.
4. If your temperature is greater than 100.4 degrees, you may not enter the hangar.
5. Sanitizer is available upon entering and we strongly encourage everyone to use it.
6. All food, condiments, coffee etc., will be given to you by our staff.
7. Masks are required when not eating.
8. We will have a limited supply of masks available on a first come first basis. (Kindly donated by John Post).
9. We want to limit the members for the breakfast from 50 at one time.
10. In order to obtain an estimate of the number of members at the breakfast; we will be sending out signup request link in the NOTAM prior to the pancake breakfast.
11. Please maintain the social distancing guidelines, with the exclusion of family units, while obtaining your breakfast and at the tables.
12. If weather permits, tables outside of the hangar are available.
13. When a member is finished with breakfast and leaves the table that location is sanitized by one of our volunteers.
14. Please be aware that any significant changes with the Covid-19 environment may result in cancellation of the pancake breakfast.

#### Aero-News Quote of the Day

**“This paper airplane contest was a great opportunity for us to do community outreach. It was a really great way to reach out and touch the minds of the young ones through this competition.”**

**Source:** Chief Pilot Jacob Paprcka of the Embry-Riddle Flight Team, commenting on the first ever Kids' Paper Airplane Challenge hosted by Daytona Beach International Airport (DAB). The contest allowed children – with their parents – to drop off paper airplanes at the county-run airport during the days leading up to Aug. 19, National Aviation Day. Flight instructors with Embry-Riddle Aeronautical University judged the paper airplanes in three categories: accuracy, distance and creativity.

## Chapters Youth Build Program Restarts

*By: Randy Epstein*

August was the month to resume working on projects for the Youth Aviation Program. Youth participation totaled twenty-one youth working for 82.9 hours during the month. Participation was down from July due to availability of mentors during the month. We have limits placed on the number of youth that can participate based on the number of mentors available.

Work on the Ultra-Lite Pientenpol highlighted the month with Duane Huff returning to assist in leading the covering of one of the wings. The goal with the Ultra-Lite Piet is to cover half of the plane and then suspend from the beams in hangar 6 as a testament to the youth aviation program and the chapter's support of the program.

Work on the BD-6 also resumed in August Andrew Robinson was back to lead that project. Also worked resumed on the R.C. Modeling project. The group is completing the second trainer kit that we purchased in the beginning of the R.C. Modeling program.

We do have two of our youth flying with AeroVentures. Ben Quick and Alex Straka have been flying since the resumption of the program. Alex Straka soloed on August 12th (see pg. 9). Ben will be ready soon. It's been a while since we've celebrated a youth solo as a chapter. We also celebrated with Della Pennachi this month. Della was in our initial "Charlie" Summer Camp in 2014. Della went on the college at Xavier University, after graduating and spending some time working, she decided to pursue a career in aviation. She is currently attending Middle Tennessee State University and completed her Private Pilot Certification on August 11th. (see page 9)

If you are aware of a youth that has a keen interest in aviation and would like to be considered for the program, please have them contact me at [randy.epstein@eaa690.org](mailto:randy.epstein@eaa690.org) If you are interested in helping as a mentor, please contact me or any other mentor to let them know and we will get you on the list. We currently have five on our waiting list, four are of age now, one will be in December. It is a rewarding experience for you and the youth you work with. The more mentors we have the less each mentor has to work and we don't burn anyone out. I am waiting on things to settle out some before add new youth to the program.

If you know a company or work for a company that would be willing to provide some funding for our program, please let me know. We are always seeking funding to keep the program moving forward.



Youth Build Continued on Page 5

# Chapter Events and Happenings

## Chapters Youth Build Program Restarts cont. from page 4



Youth Build continued on page 6

# Chapter Events and Happenings

## Chapters Youth Build Program Restarts cont. from page 5

By: Joel Levine

It was great to have the Chapter youth back at work! Under Ken Lightner's guidance the covering of the second R/C build progressed, the Ultra-Piet wing covering got started and the BD-6 project moved forward.

It was great to have Duane participate with his covering expertise as well as have Randy on site for his guidance and to welcome several potentially new youth to the program. In spite of the pandemic, and with protective measures in place, it appears we can move forward!



# Chapter Events and Happenings

## NOTICE

### EAA 690 Ground School

August 2020 - Ground School Report

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).

There are a couple other potential instructors in the works. Ultimately, it is desired to host the ground school sessions on Thursday evenings, but since Brian is currently the only instructor, there are too many conflicts in the schedule. That may change with the adding of additional instructors.

Average attendance has been about 10 people. Attendance varies from session to session, some youth, some adults.

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](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!**

## Help Promote Your Chapter



EAA 690 is in need of a publicity chair. This post is for an out going type that is willing to make phone calls, visit with the press, help prepare press releases and generally promote and support the chapter in our community. In this roll you will have plenty of help from the officers, other committee chairs and the membership in general and, there is no quota or test...

If you are interested, or know someone that is, please contact John Morgan, [President@ea690.org](mailto:President@ea690.org)

**Who do you know that is willing to voice an opinion?**

# Chapter Events and Happenings

## Chapter Members

### Activities, Comments, Observations and Musings

#### August 1st Pancake Breakfast First Since the Coved-19 Shut Down

By: Joel Levine

The August 1st Saturday breakfast was a trial run. Chapter President John Morgan in an effort to restart chapter activities proposed that a scaled back breakfast extended to Chapter 690 members might be a reasonable test with social distancing, extra precautions in the kitchen and minimal contact with the food by attendees. The announcement was sent only to Chapter 690 members yet a few new faces joined in – a good sign.

As always the kitchen crew rallied and did a wonderful job under the guidance of our own “Gravy Worshiper” Teri Hurst. Billy Miller brought out his newest restoration for the first time - his newly restored VW Beetle. What a beautiful job he does! The test was deemed a success so look for a repeat in September!



## Chapter Events and Happenings

# Chapter Members Quick Getaways August 6th

*By: Terry Hurst*

Steve wanted me to try out the Diamond DA-40 so we flew to Jekyll Island Thursday for dinner at the Wharf. After dinner we had a lovely stroll on the beach and flew home the next morning. Very windy on the beach, thankfully the thunderstorms passed before we had to head back to Atlanta. Mini vacations are fun in an airplane



*By: Fred Culleton*

Breakfast at KCVC EAA, John Morgan, Fred C and Steffi. Good Breakfast!!

*By Randy Epstein*

We went to Driftwood Beach and then Glory Beach. Here is a picture of the car carrier that capsized and is just laying there in the channel.



## ***AERO TERM***

*Reprinted from AERONEWS Network Propwash 8-18-2020*

### **Class C Airspace**

Generally, that airspace from the surface to 4,000 feet above the airport elevation (charted in MSL) surrounding those airports that have an operational control tower, are serviced by a radar approach control, and that have a certain number of IFR operations or passenger enplanements. Although the configuration of each Class C area is individually tailored, the airspace usually consists of a surface area with a 5 nautical mile (NM) radius, a circle with a 10NM radius that extends no lower than 1,200 feet up to 4,000 feet above the airport elevation, and an outer area that is not charted. Each person must establish two-way radio communications with the ATC facility providing air traffic services prior to entering the airspace and thereafter maintain those communications while within the airspace. VFR aircraft are only separated from IFR aircraft within the airspace.

# Chapter Events and Happenings

## Congratulations are in order!

By: Randy Epstein

You may recall the picture on the hanger wall of the 3 "Charlies Angles" from summer camp 2014. Well Ms. Della Pennachi, one of our summer camp angles, just received her Private Pilot Certificate. She attends Middle Tennessee State University in their Professional Pilot program and will work on her Instrument Rating next. Another fine example of your chapters continued work to promote aviation. Our thanks to all the summer camp volunteers for making this program a huge success.

It's been a while since the Youth Aviation has been able to celebrate a youth solo. Our own Alex Straka soloed on August 12th. Congratulations to Alex and thanks to John Post for his on going support of the program



## Progress Being Made on the RV-12

By: Larry Wallace

We have researched engines, and are looking to place an order next week. Probably 6-8 weeks to receive engine & mount. Going with UL Power fuel injected, either 118 or 130hp. Took a demo flight in RV-12 with the 130 which flew great, and have been in conversations with a fellow who is very satisfied after 500+ hours in that same combo. Some people are skeptical about going non-Rotax in the 12, or even switching from ULS to iS. Pretty sure we know what it takes, and it's pretty clean and straightforward - not too scary. Cowl mods will probably be the biggest task. But come on, it's we're in the EXPERIMENTAL Aircraft Association !

Put out a Slack feeler for leads on Skyview/G3X equipped planes locally but didn't get any feedback. However, Dakota generously showed us around the G3 equipped YAK he and his wife are working on in Griffin. Week before last we had a similarly long, pleasant, and instructive visit with Cylde Schnars in Jasper who gave us a tour of his spiffy new Dynon powered RV-12.

We've done a detailed panel design (10" & 7-8" EFIS + iPad) so the capabilities are set. A simple full-size mockup will allow us to tweak locations of some items for ergonomics & visibility. There's a built in growth path to go full GPS/ILS/VOR IFR if we want (ie Johnny's goes for his PPL, or we get additional partners looking for IFR). The accompanying image shows current plans, including some items that could be added later like a 175 navigator. The touch pad at low center is custom unit that handles things like electronic circuit breakers, system monitoring, data logging, and security.

Covid killed the airshow/shopping season, so Larry's going up to Michigan end of Aug to check out GRT and MGL avionics firsthand before we put down \$\$\$\$. Still considering Dynon. We'll start cutting and wiring the panel once we finalize vendors, diagram all connections, and know



# Chapter Events and Happenings

## EAA 690 SUMMER CAMP 2021 June 14 – 18, 2021

By: Gay Roberts

The Summer Camp Staff met on Saturday, August 22 to discuss plans for our next Summer Camp. We agreed on a tentative plan for the sessions for Alpha and Bravo and discussed the move of Charlie Camp to the south side of the airport, Advanced Aviation's new location.

### Alpha sessions are:

- Model Aviation – lead, Joel Levine
- Composites – lead, Chuck Roberts
- Drones and drone competition – lead, Dakota Neilson
- Metal toolbox – lead, Brian Michael
- Space Flight –
- Motivational Speaker – Lance Walthall

### Bravo sessions are:

- Airfoils and Wind Tunnel – lead, Chuck Roberts
- Advanced Model Aviation – lead, Joel Levine
- Aviation Tools – lead, Joel Levine
- Career Speakers - TBD
- Flying a flight plan on a Simulator – lead, Francois de Fromont
- Metal Aileron – lead, Brian Michael
- Electronics – lead, Joel Levine and GARS
- Drones and drone competition – lead, Dakota Neilson
- Welding – lead TBD
- Heidi, the Helicopter – lead, Chuck Roberts
- Motivational Speaker – TBD

**Charlie** sessions will be ground school instruction and flight lessons, given by Advanced Aviation.

Alpha Camp is for campers ages 12 and 13, Bravo Camp is for ages 14 and 15 and Charlie Camp is for ages 16,17 and 18. Charlie Camp is for those campers that are serious about earning a private pilot's certificate.

If you have not participated in any of our previous 8 Summer Camps and would like to help, please contact me or join us at our next meeting which will be on Saturday, October 3 at 10:30 following the Pancake Breakfast. If you can't make that meeting please contact me by phone or text at 770-630-8567 or email: [researcher.r@comcast.net](mailto:researcher.r@comcast.net).

Gay Roberts, Camp Registrar and Administrative Coordinator



## Chapter Events and Happenings

# Broken Vice Found in Hanger 6 Vice Made in China, Repaired in the USA

By: Chuck Roberts Aug. 2020

Recently, the large vise in hangar 6 was broken. **Figure 1** shows a close-up of the main body of the vise, removed from its swivel base, (which is bolted to the bench). Looking closely one can see the break between the main body and the round base. Where this break occurs the cast iron wall thickness is only about 5/16" with the exception, of course, where you see the round vertical ribs at the front and back where the wall thickness is somewhat thicker. In the lower portion of the figure one sees the repair scab after it had been machined to fit this side of the vise. The scab is made from 2" x 2" x 3/16" steel angle (left over from the Heidi trailer project).

The other side of the vise has identical breakage and scab. Note, also, these pictures were taken before all parts were sand blasted to remove all paint and mill scale yielding completely clean metal surfaces required for the brazing. **Figure 2** shows the scab sitting in place. The tensile strength of the steel in the scab is far greater than the low quality cast iron of the vise. **Figure 3** shows the vise re-assembled after the scab was brazed in place. Again, the other side of the vise is a mirror image.

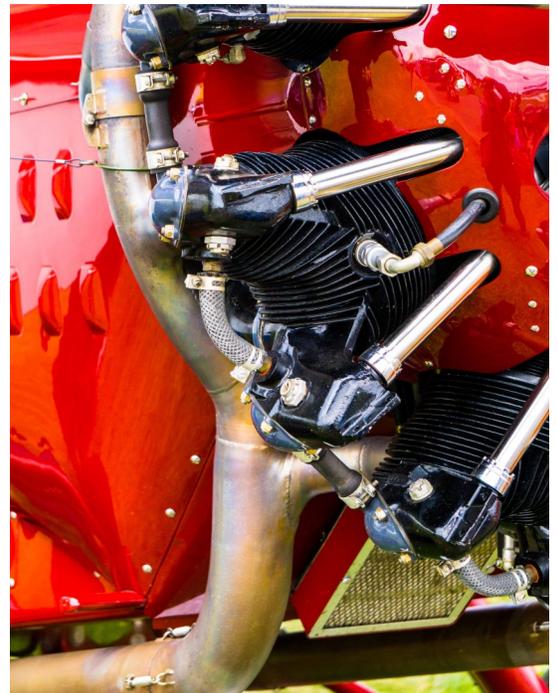
A worthwhile note is the steel angle not only spans the break but, because it includes a hole for the swivel hold-down bolt, that bolt transfers the load from the angle to the swivel base thereby making the unit stronger. This vise should serve well now.



# Chapter Events and Happenings

No AirVenture this year ☹️

Perhaps a few pictures from years past will help



## Chapter Events and Happenings

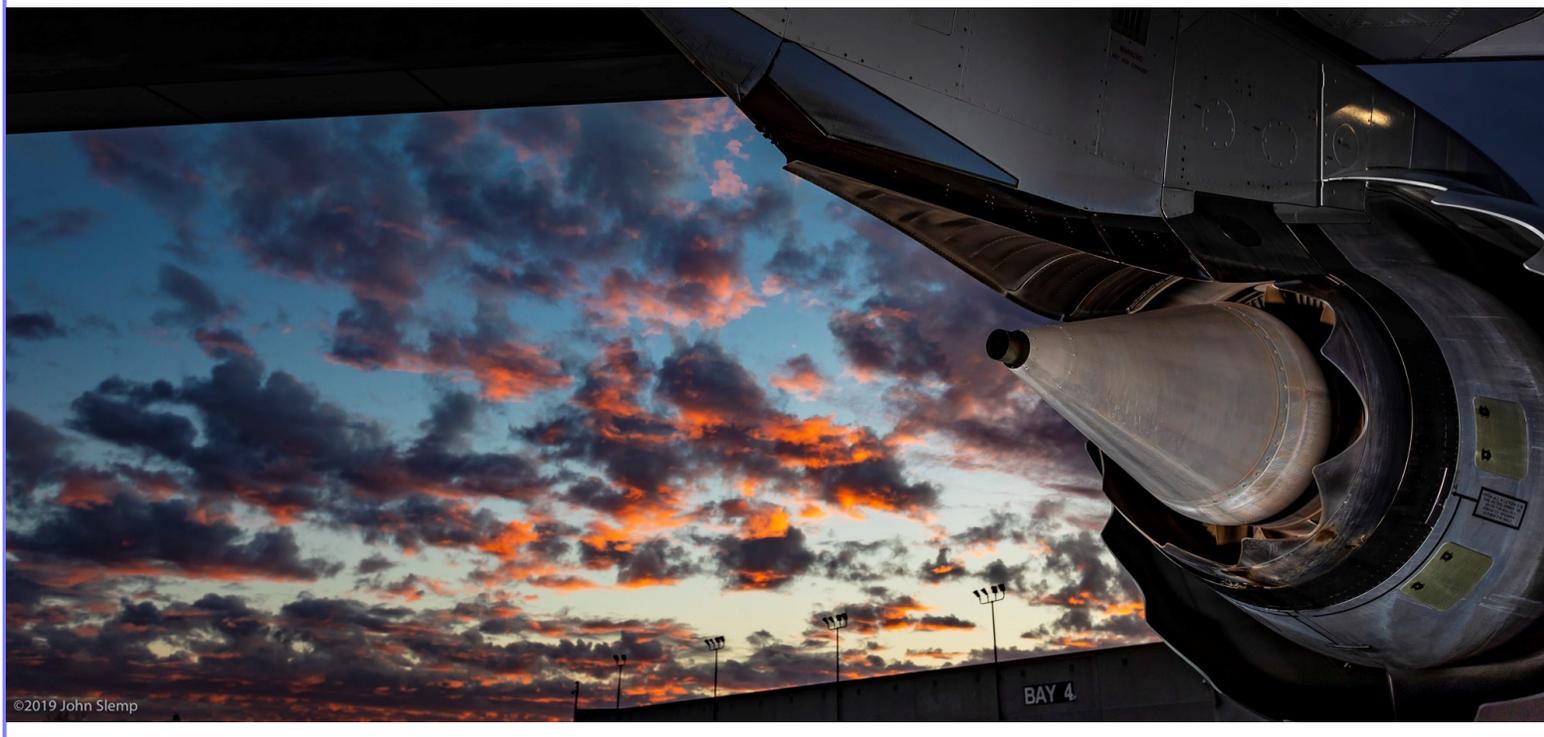
### NavCom Feature “AEROGRAPHS”

Photo courtesy of John Slem, “AEROGRAPHS Media Productions”

<https://www.aerographs.com>



Another view of a Boeing 747 taken at Hartsfield Jackson Airport last fall.



### A Bonus from “AEROGRAPHS”

The crankcase of a 1916 French-made Gnome et Rhone Type 9Jb rotary engine, photographed near Griffin, Georgia. It generates about 120 horsepower, and uses castor oil for a lubricant.

A friend will mount this in October to his replica WWI Fokker Dreidecker, and it will then be one of the most historically accurate aircraft of it's type in the country. ©2020 John Slem



## Chapter Events and Happenings



### Mike North



George Michael North, age 68 of Grayson, passed away on Tuesday, July 28, 2020. Funeral Services will be held at 11:00 AM on Saturday, August 1, 2020 in the Loganville Chapel of Tim Stewart Funeral Home with Rev. Lloyd Stancil officiating. Interment will follow at Floral Hills Memory Gardens, Tucker. George was a member of Rosebud Baptist Church. He was a former private pilot and enjoyed riding motorcycles.

He was preceded in death by his mother, Dorothy Quick North. George is survived by his loving wife of 49 years, Jennifer Chandler North of Grayson; sons & daughters-in-law, Robert Edward & Stephanie Diane North of Loganville, Steven Michael & Stephanie Amanda North of Neptune Beach, FL; father, George Edward North of Chamblee; brothers & sisters-in-law, Chris & Pam North of Snellville, Richard & Janice North of St. Cloud, FL; grandchildren, Hayden Austin North, Londyn Nicole North, Lynden Kyle North, Dana Marie North; grand dogs, Gracie, Gizmo and Lucky.

# Chapter Events and Happenings

## CLYDE SCHNARS'S RV-12 N12CS MADE ITS FIRST FLIGHT

*By: Clyde Schnars*

After about 3 1/2 years of building and Painting my RV12 N12CS it was finally done. Then came the Corona Virus. It was very hard to get Technical Support from Van's regarding Avionics, Auto Pilot, Wiring Systems etc. since they were all working from home. However, this gave me a chance to address a lot of small details and several Service Bulletins. During this period it was also hard to find a DAR to do the inspection. Several had retired or were not doing them during this Pandemic. Ben Woodason, an RV-7 Builder at JZP located a DAR, Kurt Lohmueller to do his inspection. As it turned out, Kurt built an RV-6A and an RV-12 ELSA. What a perfect person to have do my inspection. Kurt was very helpful in getting me through the required FAA documentation, which underwent several changes on June 25th. He was very thorough and professional. I was very lucky to have found him. Kurt issued my Special Airworthiness Certificate and Condition and Limitations on July 21, 2020. The Conditions and Limitations now consist of 3 pages of very small print. After the final inspection it took me a couple days to reinstall all the inspection plates, cowling, interior and misc. The big day came on July 24, 2020 when I made the First Flight in my RV-12 ELSA N12CS. Coincidentally, this was exactly 24 years to the day since I made the first flight in my RV-6A N41CS.

Since my RV-12 is an ELSA built to the exact standards as the factory SLSA I technically only have a 5-hour Phase 1 testing period. I say technically because there were a lot of steps to complete before final inspection and then during the Phase 1 test period. This is all outlined in a "Product Acceptance Program" document provided by Van's Aircraft. Also, to be classified as an ELSA all Kits; Airframe, Finishing, Engine & Prop, Avionics, Lighting, etc. had to be purchased from Van's Aircraft. I also had to sign an affidavit that I did not deviate from the @ 450 pages of plans.

My RV-12 ELSA is equipped with a ROTAX 912 ULS 100hp Engine and a 2-blade Sensenich ground adjustable propeller. Avionics consists of a Dynon Skyview Touch HDX 10" display with Synthetic Vision and Moving Map (and is wired for the second Dynon HDX Display - soon to be installed). Dynon; GPS, EMS, ADARS, Auto Pilot with (2) Control Knob Modules, Mode-S Transponder, ADS-B In & Out, Garmin Com w/stereo Intercom, ACK 121.5 / 406 MHz ELT, NAV & Strobe Lights, Dual Landing Lights with Wig-Wag function. TANIS Engine Heater System, Full Set of Wheel Pants, Full Interior; Seats, Side Panels Carpet throughout including baggage area, 5-point Seat/Shoulder belts, Glare Shield and Canopy Side Trim, a Canopy Sunshade, and a full set of Bruce covers.



## Chapter Events and Happenings

### **CLYDE SCHNARS's RV-12 N12CS MADE ITS FIRST FLIGHT** cont. from page 10

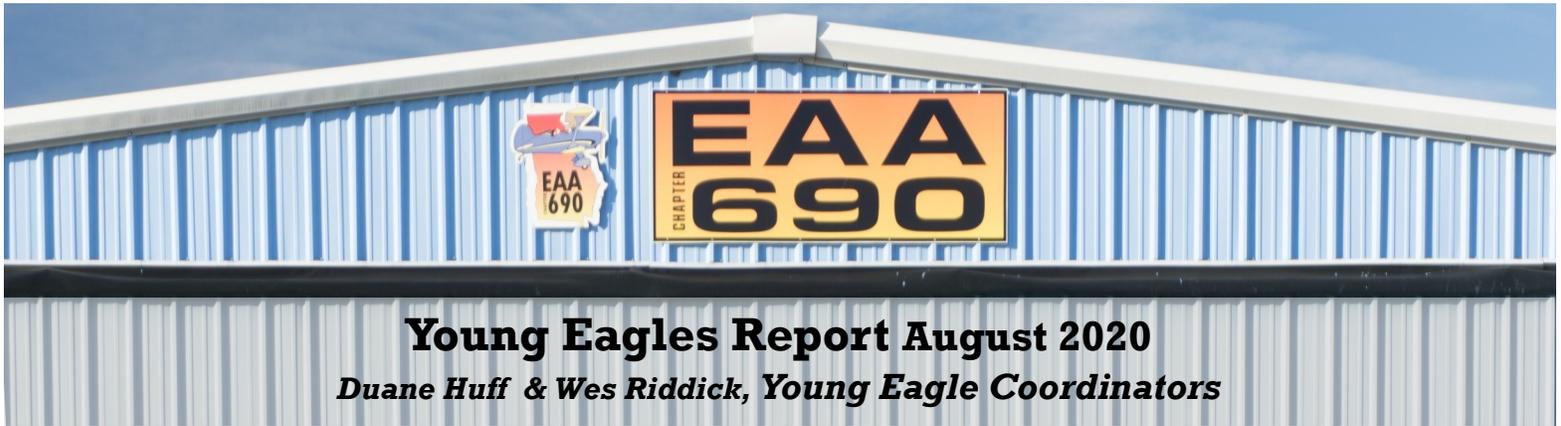
I made the decision to build an ELSA for several reasons. First, I was concerned that the FAA Basic Medical was not going to get passed and wanted a backup should I need it. Second, I was teaching my grandchildren to fly and thought the higher performance and complexity of the RV-6A with 180 hp and Constant Speed Prop. was a little advanced for them. As it turned out, if that is the only airplane you ever flew you wouldn't know any better. They adapted very well to the higher performance, constant speed prop, Auto Pilot and advanced GPS Navigation. They do a great job of flying the RV-6A. Thirdly, I wanted to mentor them by getting them involved in the building process. They were very enthusiastic and constructed most of the empennage components and worked on the wings and fuselage under my guidance. Then they became interested in getting their drivers license and the boys/girls syndrome. Need I say any more. The enthusiasm waned. Fortunately, my wife Sharon was always available when I needed a hand.

This was a great project, my third. Probably my last since Sharon said she is not going to help me with another airplane project. My first project was a Sonerai IIL N26CS.

The RV-12 really flies great. It leaped off the ground and climbed over 1200' /min. with only me in it. I was surprised how stable it was. Trimmed it and flew hands off. Stalls were very gentle at about 46 mph, a slight brake and very easy to recover. The speed also surprised me, I was turning 5500 RPM to brake in the engine and was getting 141mph true air speed at 5500'. What else surprised me was how it wanted to stay airborne. My first couple landings required side slipping it to lose altitude. The landings are very easy, especially with the visibility you have setting forward of the leading edge. Basically, it flies like a VAN's RV. If any of you are thinking of a project, I would encourage you to seriously look at the VAN's RV -12.



# Chapter Events and Happenings



**By: Brian Michael**

We attempted a “rally” (of sorts) in July. We have 14 youth registered to fly in August, 1 family of 3 youth and the rest are single youth groups.

The July rally was limited to 20 youth. The process undertaken to conduct the rally was:

Only pre-registered (at [youngeaglesday.com](http://youngeaglesday.com)) kids were flown. Only 1 youth per aircraft, unless flying with a sibling. No mixing of families Brian, John Morgan, and Gay Roberts contacted all the pilots who had flown YE(s) in the past year or 2 (except those known to not be flying anymore). 6 total pilots were willing and able to fly YE in July. The registered youth were pre-assigned to a pilot, and the youth’s contact information (parent phone number) was given to the pilot to schedule a flight

This process had a few issues, hopefully the next YE rally we will do better.

## **August Rally**

The primary goal is to limit any crowds to be as small as possible. Only pre-registered at [youngeaglesday.com](http://youngeaglesday.com) kids were flown. Only 1 youth per aircraft, unless flying with a sibling. No mixing of families. Registration was again limited to 18 youth total, but 6 time slots were created with each time slot limited to 3 youth. All flights will take place on the morning of Aug. 15th (weather permitting) Gay Roberts, Jeannie Ferguson, and Tom Hilborn will be onsite at the chapter hangar to coordinate registration and any publicity (a.k.a. take pictures). No additional ground crew are requested or desired.

Here are three of the YE’s that we did manage to fly in August (there were others but no pics taken).



## Chapter Officers and Board Members



President  
**John Morgan**



VP/Chairman BoD  
**Louis Pucci**



Secretary  
**Rich Hopkins**



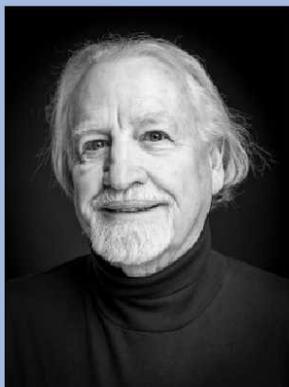
Treasurer  
**Ben Davis**



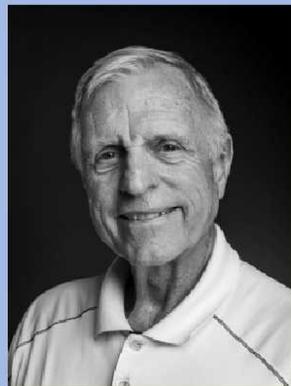
Member at Large  
**Gay Roberts**



Chairman BoT  
**Johnny Morrow**



Member at Large  
**Jimmie Rickerson**



Member at Large  
V. Chair BoD  
**John Post**



Member at large  
**Kathi Parks**

# 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](http://www.flylzu.com)  
Email: [jpost@4tsi.com](mailto:jpost@4tsi.com)  
Call: John Post at (770) 595-0684

Listing 910239

## AERO TERM

*Reprinted from AERONEWS NETWORK Propwash 7-27-2020*

### Actual Calculated Landing Time

ACLT is a flight's frozen calculated landing time. An actual time determined at freeze calculated landing time (FCLT) or meter list display interval (MLDI) for the adapted vertex for each arrival aircraft based upon runway configuration, airport acceptance rate, airport arrival delay period, and other metered arrival aircraft. This time is either the vertex time of arrival (VTA) of the aircraft or the tentative calculated landing time (TCLT)/ACLT of the previous aircraft plus the arrival aircraft interval (AAI), whichever is later. This time will not be updated in response to the aircraft's progress.

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## Want your business or event 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 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 (but not required)**

# 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

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](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. Your input, comments and suggestions are always welcome.

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