



## *EAA Smilin 'Jack Chapter 866 Newsletter January 2020*

*Greetings Members and Friends of EAA Chapter 866, and HAPPY NEW YEAR,*



*Les Boatright*

### **Our Next Chapter Meeting**

OK, right off the top, I want to answer the question on everyone's mind. We ARE having our regular chapter meeting on Wednesday January 1<sup>st</sup>, 2020. As you know, our regular monthly Chapter 866 meetings are always scheduled for the first Wednesdays of the month. I don't exactly recall this happening before, but this year it falls right on New Year's Day! It's impossible to plan meetings around everyone's busy calendar, especially this time of year. So if you can make it, we WILL be kicking off the New Year by having our regular Chapter Meeting. If you cannot make it, then please enjoy your Holiday and travel safely, and we'll see you at the next EAA866 get-together. If you can be there, then we'll start the New Year right, and get together and talk airplanes for a while. Here's hoping that every one of you have a Happy, Healthy, Blessed, Prosperous, and Aviation-Filled New Year!

### **Pancake Breakfast**

We had a great Pancake Breakfast last month, with approximately 195 hungry guests reporting for breakfast. I was told there were some 40+ airplanes that arrived before it was all over, with parking extending down the taxiway. As best I could tell, most everyone had a good time, and no one left hungry! A BIG THANKS to all our friends and guests who come out and support us all year long!! Well Done Chapter 866!!

### EAA 724 Toys-4-Tots

On the Saturday after our last pancake breakfast (Dec. 14<sup>th</sup>), about a half-dozen of our EAA866 members traveled south to Merritt Island to help with their annual Toys for Tots event. The weather was overcast and rainy all morning, but both the food and the company were terrific!! I believe this was the 26<sup>th</sup> year for this event for Chapter 724, and despite the weather everyone's spirits were high and the wings of 1973 Mooney were absolutely covered over with new Toys for the girls and boys. Hopefully Larry has a photo or two to add. A special Thanks to Don White, the members of Chapter 724, and the United States Marine Corps for making a difference in the lives of children!!

### Ford Tri-Motor Tour Stop

If you want a glimpse into what it was like to fly the airlines during the Golden Era of aviation, before TSA pat-downs and claustrophobic cabins, then come out and FLY THE FORD! The FORD Tri-Motor is considered by many to be the first truly successful passenger airline transport aircraft. It has large picture windows, and every seat is a window seat, and every seat is an aisle seat. The triple redundant powerplants and rugged airframe construction serve the airplane very well, giving passengers great confidence in the Tri-Motor's ability to safely and comfortably haul them aloft and then back down to *Terra Firma* at their destination. The EAA has two of these rare airplanes on tour, and if you've never taken a flight on one, you will not be disappointed in the experience.

Chapter 866 will partner with the Valiant Air Command Museum to host the EAA Ford Tri-Motor 4AT on January 8<sup>th</sup> – 12<sup>th</sup>.

The Titusville Winter Tour stop will operate out of the TICO airport and the VAC Museum since the facilities there meet the requirements of the Tri-Motor. We already have over a dozen chapter members signed up to volunteer with this event! We will discuss this some more at our Jan 1<sup>st</sup> chapter meeting.

[WWW.FLYTHEFORD.ORG](http://WWW.FLYTHEFORD.ORG)






# fly on the Ford

EXPERIENCE THE GOLDEN AGE OF AVIATION

Titusville, FL  
Space Coast Regional Airport  
January 9-12, 2020

**ADVANCE ONLINE PRICING:** ADULT: \$72 • CHILD (17 & UNDER): \$52  
**WALK UP PRICING:** \$77 • **RIDES:** THURS 2-5PM • FRI-MON 9AM-5PM

**FOR MORE INFO:** [FLYTHEFORD.ORG](http://FLYTHEFORD.ORG)  **OR CALL:** 1-877-952-5395

### President for a Day

Last year we tried something a little different. We instituted the “President for a Day” policy. Rather than running each one of the meetings last year, I stepped aside from the podium several times, and one of our members took a turn running the meeting. This provided the chapter with some more diverse presentations, including some very interesting guest speakers. I’ve asked around a little, and most folks seemed to like this arrangement. So we will give it try it again this year. I’ve said it before and will say it again, our membership is very special and contains a lot of talent in the areas of aircraft building and maintenance, in areas like spacecraft and launch vehicle operators, plus a large knowledge of aviation history, and just a lot of flying and aviation experience in general. Our membership is a fantastic resource and the “President for a Day” is an opportunity for us to share our knowledge with one another. Please consider signing up for one of the meeting time slots this year.

**“President for a Day”**

If you are a current, Dues-Paid member of EAA Chapter 866, then you can be chapter “*President for a Day*”! See the schedule below. Pick an open slot, give a safety briefing, introduce a guest speaker, do a presentation about your project, give a flight or trip report, bring a video, the sky’s the limit! I have a list of presentation ideas. Just let me know, it’s that simple.

| Meeting Date          | 2020 “President for a Day” Program   |
|-----------------------|--|
| Jan. 1 <sup>st</sup>  | Les Boatright – New Year Kick Off  |
| Feb. 5 <sup>th</sup>  | Deb VanTreuren – Guest Speaker – Vince Santorelli talks about the F6F Project from American Aero Services! |
| Mar. 4 <sup>th</sup>  | OPEN SLOT  |
| April 1 <sup>st</sup> | <b>MEETING CANCELLED Due to Sun-N-Fun</b>  |
| May 6 <sup>th</sup>   | OPEN SLOT  |
| June 3 <sup>rd</sup>  | OPEN SLOT  |
| July 1 <sup>st</sup>  | OPEN SLOT  |
| Aug. 5 <sup>th</sup>  | OPEN SLOT  |
| Sept. 2 <sup>nd</sup> | OPEN SLOT  |
| Oct. 7 <sup>th</sup>  | OPEN SLOT  |
| Nov. 4 <sup>th</sup>  | OPEN SLOT  |
| Dec. 2 <sup>nd</sup>  | Les Boatright - (Officer Elections for 2021)   |

**Winter Party & Annual Dues Renewal**

**IT’S WINTER PARTY TIME!!!**





**Saturday, JANUARY 18<sup>th</sup> at LaCita Country Club**

**Mark your new calendars! It's time once again for our Annual Chapter 866 Winter Party.**

**It's not too late to get your tickets!**

**Last chance for tickets will be at our Jan 4<sup>th</sup> pancake breakfast.**

**WHAT: EAA 866 Formal Annual Winter Party**

**WHEN: Saturday Jan 18th, 2020. From 5PM to 9 PM**

**WHERE: LaCita Country Club, Titusville**

**HOW MUCH: \$25 per person (see Herman or Becky for tickets)**

**WHAT FOOD: Choice of Chicken, Beef, (or Fish)**

**The Ticket price includes your Annual Chapter 866 membership Dues.**

**Tickets will be available for sale at the January chapter meeting and pancake breakfast.**

**Be sure to see Herman for your tickets and to renew your membership dues!**

**Reminder: The chapter's articles of incorporation with the National EAA organization require that all Chapter members also be current dues-paid members in the National EAA organization.**

**Well, that's all I got for this Month! See ya Soon and Happy New Year!**

**Keep on Building, Flying, and Flippin those *Smilin'-Flap-Jacks*!**

**Les Boatright**

**EAA Lifetime #563003**

**President, EAA Chapter 866**

**The *Smilin' Jack* Chapter**



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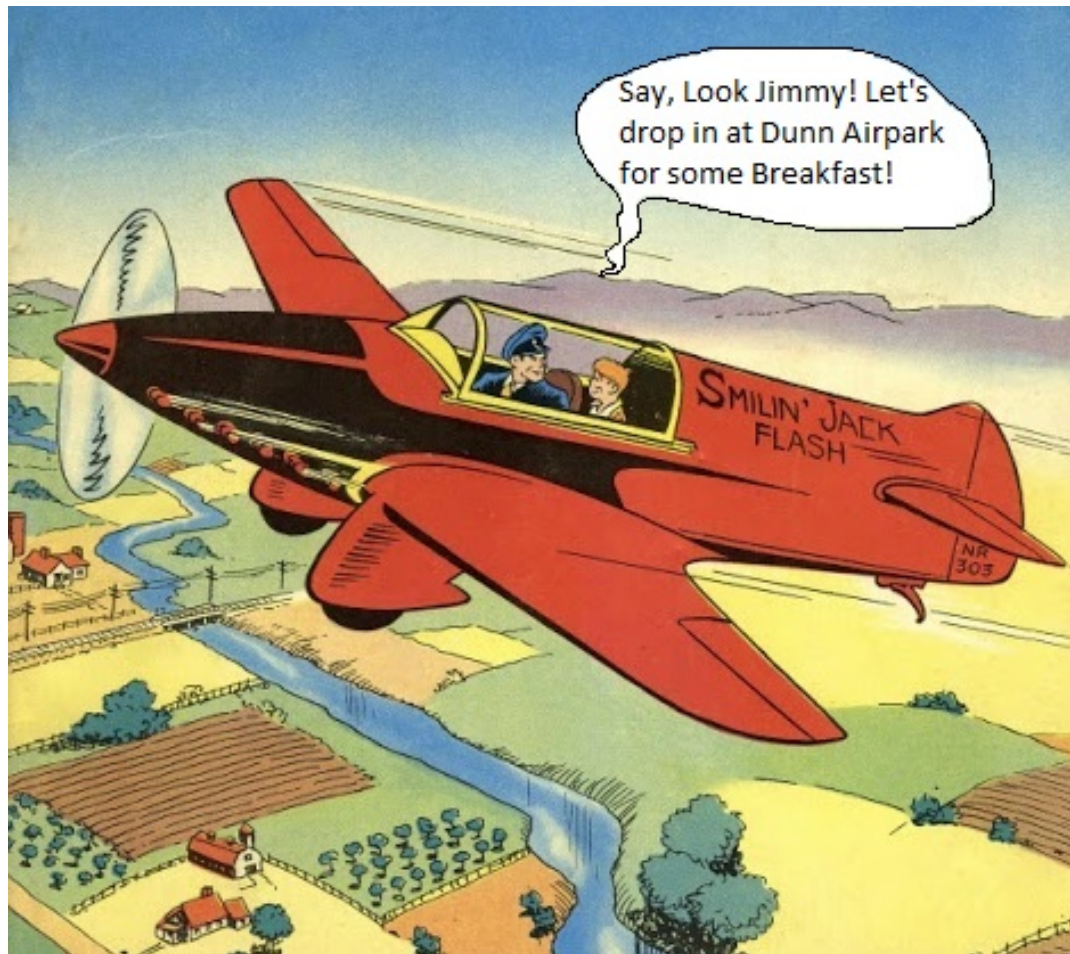
**Some reminders about upcoming events:**

| <b>Date</b>                                       | <b>Calendar Event</b>  | <b>Place/Info</b>   |
|---|--|---|
| <b>Jan. 1<sup>st</sup></b>                        | <b>Regular Chapter 866 Monthly Meeting</b><br><b>NEW YEAR'S DAY HOLIDAY</b>  | <b>Building 10 / 7 pm</b>   |
| <b>Jan. 4<sup>th</sup></b>                        | <b>OUR Chapter 866 Monthly Pancake Breakfast</b>   | <b>Building 10 / 8-10 am</b>  |
| <b>Jan. 9<sup>th</sup> -12<sup>th</sup></b>       | <b>Ford Tri-Motor Tour Stop Returns to Titusville!!</b><br><a href="https://www.eaa.org/ea/events-and-experiences/fly-the-ford-eaa-ford-tri-motor-airplane-tour">https://www.eaa.org/ea/events-and-experiences/fly-the-ford-eaa-ford-tri-motor-airplane-tour</a> | <b>TICO Airport (KTIX)</b><br><b>VAC Museum,</b><br><b>Titusville</b> |
| <b>Jan. 18<sup>th</sup></b>                       | <b>EAA 866 Annual Winter Party – Tickets are on sale NOW! (\$25 per person) Formal Attire requested</b>  | <b>LaCita Country Club</b><br><b>5-9 PM</b>                           |
| <b>Jan. 20<sup>th</sup></b>                       | <b>Martin Luther King Jr. Federal Holiday</b>  |   |
| <b>Feb. 1<sup>st</sup></b>                        | <b>OUR Chapter 866 Monthly Pancake Breakfast</b>   | <b>Building 10 / 8-10 am</b>  |
| <b>Feb. 5<sup>th</sup></b>                        | <b>Regular Chapter 866 Monthly Meeting</b>   | <b>Building 10 / 7 pm</b>   |
| <b>Feb. 17<sup>th</sup></b>                       | <b>President's Day Federal Holiday</b>   |   |
| <b>Mar. 4<sup>th</sup></b>                        | <b>Regular Chapter 866 Monthly Meeting</b>   | <b>Building 10 / 7 pm</b>   |
| <b>Mar. 7<sup>th</sup></b>                        | <b>OUR Chapter 866 Monthly Pancake Breakfast</b>   | <b>Building 10 / 8-10 am</b>  |
| <b>Mar. 8<sup>th</sup></b>                        | <b>Daylight Savings Time Begins – Set Clocks FORWARD</b>   |   |
| <b>Mar. 31<sup>st</sup> – Apr. 5<sup>th</sup></b> | <b>Sun-N-Fun Aerospace Expo &amp; Fly-In</b><br><a href="https://www.flysnf.org/">https://www.flysnf.org/</a>  | <b>Lakeland Linder Arprt (KLAL)</b>                                   |
| <b>Apr. 1<sup>st</sup></b>                        | <b>Regular Chapter 866 Monthly Meeting – NO FOOLIN'</b><br><b>CANCELLED due to Sun-n-Fun date conflict</b>   | <b>Building 10 / 7 pm</b>   |
| <b>Apr. 4<sup>th</sup></b>                        | <b>OUR Chapter 866 Monthly Pancake Breakfast – CANCEL due to SnF conflict??</b>  | <b>Building 10 / 8-10 am</b>  |
| <b>Apr. 12<sup>th</sup></b>                       | <b>Easter Sunday</b>   |   |
| <b>May 2<sup>nd</sup></b>                         | <b>OUR Chapter 866 Monthly Pancake Breakfast</b>   | <b>Building 10 / 8-10 am</b>  |
| <b>May 6<sup>th</sup></b>                         | <b>Regular Chapter 866 Monthly Meeting</b>   | <b>Building 10 / 7 pm</b>   |
|   |  |   |

**PLEASE SEND IN in any additions / updates to the Calendar of Events.**  
**We'd like to keep this current and accurate!**

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NEXT PANCAKE BREAKFAST:  
SATURDAY JANUARY 4<sup>th</sup>, 2020



Come have a Short Stack with *Smilin' Jack*

## ***Unexpected Rip Off-***

*By Kathy Anderson*

**I had just finished modifying my 20 year old Rans S-12. The idea was to add a full length windshield to divert the airflow up and over my head in an effort to make the plane more comfortable to fly.**



**About a year ago, the Rotax 503 engine (52 HP) was replaced with a Viking 90 HP. This increase in power presented a welcomed boost in performance, but the increased force of the wind in my face gave me a reason to buy the parts and start the conversion to a full length windshield. I picked up the parts at the RANS factory last summer on our flight back from Oregon.**

**When I completed the work, I was looking forward to the first flight. The weather was a little bumpy on November 5<sup>th</sup>, but good enough to fly.**

**I secured my moto-cross type face protection (which includes goggles and a plastic covering over my microphone) on to my leather helmet and buckled the helmet under my chin. This is a pusher aircraft, so it is critical that nothing come loose in flight which would hit the propeller.**

**I taxied out and advanced the throttle, which now provides impressive acceleration and a leap off the ground. Climbing out rapidly, I noticed that the airflow was no longer directly in my face, but coming around both sides of the windshield and into the “cabin”.**

**I leveled off and the airspeed increased rapidly to 70 mph. Then it happened – my face mask flipped up into my eyes as if ripped off by someone grabbing it from the bottom. I could not see because the top of the goggles was pushing against my eyes. A battle began as I held the control stick with my left hand and tugged at the face shield elastic strap with the other. After a few tries, I managed to pull the strap down on each side far enough to hold the face mask in place.**



**I headed back to land and found that if I lifted my chin or sat forward closer to the windshield the mask would again pull off. I landed safely and began to evaluate what had happened.**

**An area of low pressure - suction - was created behind the new windshield by the airflow over and around it. It would not be possible for me to fly the plane this way.**



**To solve the problem, I had to add half doors to the side of the windshield to deflect the flow to the rear. Now I don't need a helmet or face shield. I flew the plane to the Deland Expo for the Viking Engine display. The weather was horrible. I had to fly at 700 feet to stay below the clouds – but the new windshield/door combination kept me dry and a bit warmer.**



**Kathy Anderson in the beautiful Rans S19 that she completed and first flew in 2016. She has built the two Rans airplanes and helped restore a J3 Cub AND has ordered a Rans S21 kit to build now! She and her husband Bob also own a nice C172SP.**



***Big thanks to Kathy for sending this interesting story about that flight! Isn't it great when members share these stories? Members, send me your story, anything at all, like your first solo or maybe an engine failure, near miss, or even an experience with a loaner airport car when stranded somewhere.***

Nsltr ed larryglbrt@gmail.com

### ***This Months' Flying***

*By Larry Gilbert*

**First of all, a big thanks to all who responded to the article I wrote last month! I learned that by ending my story with a question, that some people actually do read this stuff! We have had many discussions around the airport about that scenario I wrote about pitching to climb over the REAL 50' obstacle on final to land. We even got some e-mail replies to this!**

**Ed Brennan has had a long dry spell from flying and needs to fly in preparation for first flight in his CH750 so, he and I have done some flying towards that goal. We have been doing a lot low approaches to get the landing speeds nailed and a good sight picture on final approach. Before were done we hope to be doing a complete flight review also. I've been reading a lot of articles about "rusty pilots" lately, it's amazing how laying off for a couple of years deteriorates the skills it takes to fly well. This comes as a big surprise to most pilots. It all comes back**



with practice though. Ed mentioned getting some type training to be familiar with the 750 when the big day comes to take it up. Good idea!

We all should fly at least once a week to stay proficient and keep the muscle reaction and coordination instinctive, in my opinion. *Larry*

### *EAA Chapter 724 “Toys for Tots”*

The Annual EAA chapter 724 and Marine Corps “Toys for Tots” event was held at Merritt Island Airport on Dec. 14<sup>th</sup> and a few of our chapter members volunteered to help by setting up and serving and cooking a breakfast for the folks who showed up with a new toy donation. There were plenty of toys donated and a lot of breakfasts served. The picture shows the servers and the cooks and three folks in it are Chapter 866 members (the ones in the black aprons). I think there were 5 or 6 C866 members there to help.



Innovation often starts with “Tinkerers” This link is about a young man who built an electric powered airplane using model airplane electric motors. I found this to be interesting.....Larry

<https://youtu.be/eNSN6qet1kE>

This link below is some positive news from the FAA about increasing the weight limit of Sport Pilot planes to 3,600 lbs GW. Check it out

<https://www.avweb.com/ownership/lsa-weight-limit-increasing-to-3600-pounds-updated/?fbclid=IwAR2fZORt8uAEj5WAn4weLPc6WavXdOnfXZsnKZwlQEIXJdxQpcmqTar5U5k>



*Still the big news is the upcoming Tri-motor event!*

***Volunteers for this event must watch the training video!!***

*EAA+Tri-*

*Motor+ground+crew+volunteer+training+video&&view=detail&mid=12C65C1B39E75640A9F912C65C1B39E75640A9F9&rvsmid=772AAC550DFC8D89A53E772AAC550DFC8D89A53E&FORM=VDQVAP*

*New Pilot as a result of our Young Eagle Efforts!!*

At our last breakfast Brendon Chamberlain showed with his father. Brendon had passed his private pilot check ride the Tuesday before. We introduced Brendon to flight at one of our Young Eagle rallies!

*Larry*

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## **CHAPTER MEETING**

**WEDS. JAN 1, 2020, 7:00 PM**

**Bldg.10 Dunn airpark (X21), Titusville, Fl**

## **MONTHLY BREAKFAST**

**Sat Jan 4, 2020, 8:00 am**

**Bldg 10, Dunn Airpark, (X21), Titusville, Fl**

## **TRI-MOTOR EVENT**

**Jan, 9 -12, 2020 Space Coast Regional (TIX) Arpt**