



FLYPAPER

EAA Chapter 18, Milwaukee, WI

Year 60, November 2020

@EAA_chapter18

<http://www.eaa18.org>

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MEMBER SPOTLIGHT

Defiance



Only 241 Days to Oshkosh!



John Nate has been flying since the 1980's, having learned at Aerodyne at Mitchell Field. Today he continues to fly recreationally, but his main passion is building his airplane. John was originally enamored with a Jim Bede design of twin engines, inside the fuselage, with a single prop, originally specified as the Bede-7. While that design never really got off the ground, John became more interested in the Rutan Defiant design. John liked the idea of a push/pull aircraft with no asymmetrical thrust, separate fuel systems, separate electrical systems and a canard for stall/spin safety.

In 1975 Burt Rutan designed the Defiant to be an idiot-proof twin. Like the canard designs that preceded it, the Defiant reflected an overriding concern for the health and safety of its passengers. The Defiant design wasn't going anywhere when a veteran VariEze builder asked Rutan if he could build his own Defiant. Rutan agreed as long as the building process was documented so that Rutan could use the information in the event he decided to offer the Defiant as a homebuilt or kit airplane. The builder shot more than 750 photos of the buildup process and detailed every step along the way. When he was done, he had an airplane that was superior to the prototype and there was one of the most comprehensive sets of plans ever assembled for a homebuilt airplane. The Model 74 Defiant was born, and soon plans were made available from Rutan Aircraft Factory in Mojave, Calif.

MEMBER SPOTLIGHT

Continued from page 1



Defiance

Cont.

The plans were available for a very short time, until legal concerns prompted Rutan to take them off the market. John scoured the secondary market for plans and found a set advertised in Kitplanes magazine. He made a deal with the owner of the plans and sent a bank check. When he received the documents, he noticed that they appeared to be poor copies of original plans. Suddenly the provider went silent and John worked with the bank to cancel payment. More time passed before another set of plans appeared on Ebay. It turns out that the neighbor of Rutan's photographer had been given a set of Defiant plans, and also had the bow landing gear from Featherlite with additional metal parts from Brock. It didn't take John very long to strike a package deal. John immediately set about creating templates from the plans and carried them up to a fellow builder Jim Rodrian, where they matched up perfectly with Jim's templates. The build was on.



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MEMBER SPOTLIGHT

Continued from page 2



Defiance Cont.



John has made significant progress during his build. That doesn't mean there haven't been hiccups. When John started cutting his foam, he encountered dips and wire lag in the same cut. He went through a billet and a half of foam before determining that the voltage passing into his hot wire wasn't being regulated effectively. Once he resolved that issue, he bought more billets and resumed the cuts. While working on his spar, John was having trouble with the fiberglass. It was a pain to wet out. After some research, and discussions with the manufacturer, John found that the individual strands of the fiber were treated with a material to help attract and adhere. However, the material was apparently past its shelf life, causing some consternation and a delegation of the spar to the bin.

The work continues in John's basement. He is adhering to the rule, known to all builders, of working every day on his project. The next fun challenge may be just getting the wings out the window. That event might be worth a shop visit!!



RAY AVIATION SCHOLAR



Matthew Romuald



Matthew Romuald here with an update on my most recent achievements and activities with the help of Chapter 18, the EAA, and the Ray Scholarship association.

I would like to preface this article by saying that I had to quarantine for 4 weeks due to COVID-19. Considering I had to spend so much time away from the left seat, I decided to study for my check ride and my oral exam.

Since my last article I have passed my written exam, had my senior photos taken, studied, and have been chair flying. Before and after quarantine, I've had several lessons, unfortunately I have not been able to complete my last solo cross country that I need for my check ride to occur.

One interesting update was that I had my senior photos taken at the Capitol Drive Airport (O2C), which has some great scenery just past the hangars. I took my pictures using my family's RV-7 as a prop. After my pictures were taken, our photographer also took some professional pictures of our RV-7.

With the whole COVID situation and my particular predicament, I took it upon myself to study and chair fly from home as much as I possibly could. I have been studying with the help of a FAR/AIM book and other literature to help me prepare for my check ride. I have book marked several things in my FAR/AIM, especially in areas like cloud clearances, airspace, and checklists. I've been chair flying using the Microsoft Flight Simulator. I enjoy flying with the flight simulator because it has helped me practice emergencies, one example is you can set the simulator for an engine failure to occur from which you must recover.

I plan to complete my last cross country, shortly after Thanksgiving. After that, I'll spend the majority of my time outside of school preparing for my practical exam by taking mock check rides with my instructor Tom Stingl and the head instructor at Spring City Waukesha, Dan Heling. I am seriously looking forward to practicing for and ultimately taking my check-ride!

I am very excited to be this close to completing my mission to become a pilot and I am extremely thankful for the continued support of Chapter 18 and all of its members! Hope you all have a happy and healthy Thanksgiving holiday!

PRESIDENT'S LETTER



Greetings From The President



Greetings and welcome to the November Flypaper. As always, I hope everyone is doing well and weathering the storm that is 2020. As this turd sandwich of a year slowly walks into the sunset, I want to touch base with everyone about the status of Chapter 18. So, in no particular order, here are a few things for your consideration.

Meetings- We will not be having a November meeting after all. We will continue to evaluate the situation into next year, and will consider moving the meetings to another location if necessary. I really do want to get us back to having in-person meetings in 2021, whatever that will look like.

Elections- Since we can't meet, elections are very difficult to hold. Our bylaws aren't much help, since they never anticipated a situation like this. So, your board has decided that we will simply postpone the elections until such time as we can meet in person again. All incumbent officers and board members who were up for election in 2020 will continue in their current positions, with the one exception being Bill Stilley who previously announced his intention to retire from the board. We thank Bill for his years of service on the board... and of course now we're on the lookout for a new board member, so give it some thought.

Christmas Party- The response to the online survey was surprisingly positive, with almost 20 "yes's" and a handful of "maybes." Maybe it's all the members who have already had COVID and are immune? That seems to be a large and growing group. Anyway, based on this interest, we will be holding our annual Christmas Party at the usual place. El Fuego (recently renamed El Beso but still the same place, 909 W. Layton Av., Tuesday December 8, drinks at 6PM dinner at 7PM. I hope to see many of you there. As one of the lucky ones who won the COVID lottery back in October, you don't have to worry about getting it from me, nor I from you!

Chapter Dues- Credit Treasurer Glenn for this one- since we weren't in operation much in 2020 and therefore didn't spend much money, we have plenty of money in the coffee can to keep us afloat in 2021. Therefore we have decided to suspend dues collection for 2021. Everybody who is currently a member gets a free bonus year of membership- whether you want it or not!

As we turn the page into 2021, I can't help but be just a little optimistic. The recent news about vaccines being developed might be enough to get people back out into the world again. Organizations have been making public plans to have in-person events next summer (EAA being one of them) and the world is itching to get back to normal. 2020 was a lousy year all around, so 2021 can't help but be better, right?

That's about it for now. We're going to try to get back to more regular communication with the members via the Flypaper, so if you've got some content please send it on the Thad the Editor. Until next time, keep your air-speed up on final and come join us for a burrito.

60TH ANNIVERSARY



It all started here.....

Celebrating the Chapter's 60th Year

MINUTES OF THE MEETING OF CHAPTER 18
November 28, 1960

The meeting was called to order at 8:15 P.M. by President Kummer, and he read the minutes of the previous meeting, as the Sec-Treas. was on vacation.

Dick Bushee will give a welding demonstration at a near future meeting.

Paul Poberezny will continue on with Anders Ljungberg 10,000 miles American tour with slides at the January meeting.

A chapter social was discussed for the month of February 1961. A Saturday night dinner was suggested. A motion was made and seconded that we have a dinner-meeting combination February 25, 1961.

January 61 will be the election of officers of Chapter 18.

NOMINATION OF OFFICERS.

PRES: Jim Wocelka
Dick Bushee
Ray Borst

Sec-Treas:
Knut Stansfield
Dick Milbrandt

Sec-Treas:
Don Genzmer
Geo Gruenberger

Pres. Kummer suggested that a letter be sent mentioning persons nominated for offices and the Feb. 25th dinner-Meeting also, to include present membership and their project locations.

Paul Poberezny gave a short up to date EAA status situation report.

Harold Gallatin gave a talk & demonstration of his Wankel engine.

John Glass motioned for adjournment. Norm Poberezny seconded the motion.

Respectfully submitted
Donald R. Genzmer
Donald R Genzmer
Secretary-Treasurer

2020 CHRISTMAS PARTY



Christmas Party

Tuesday, December 8

Drinks at 6:00 p.m.

Dinner at 7:00 p.m.

909 W. Layton Ave



CALENDAR OF EVENTS

Tuesday, December 8 – Chapter 18 Christmas Party
 El Beso, 909 W. Layton
 Drinks 6:00 p.m. Dinner 7:00 p.m.

Thursday, December 10 – EAA Wright Brothers Banquet
 Virtual event honoring Jim Lovell
 Live stream begins at 7:00 p.m. CST.
<https://eaa.org/eaa-museum/eaa-museum-events/wright-brothers-banquet>

Tuesday, April 13, 2021– Sun n Fun
 Lakeland, Florida

Monday, July 26, 2021 – EAA AirVenture
 Oshkosh, WI

Monday, April 8, 2024 – Total Eclipse of the Sun
 Somewhere, where there are no clouds. Remember your Social Distancing Protocols.



DECEMBER 2020

SUN	MON	TUE	WED	THU	FRI	SAT
		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		



TREASURER REPORT-TREASURER GLENN BOTSFORD

October 2020	Checking	Savings	PayPal	Total	Paid Membership
Beginning Balance	\$861.51	\$763.55	\$283.08	\$1,908.14	108
Income					
Total Income	\$0.00	\$0.00	\$0.00		
Expenses					
	\$0.00	\$0.00	\$0.00		
Total Expenses	\$0.00	\$0.00	\$0.00		
Ending Balance	\$861.51	\$763.55	\$283.08	\$1908.14	



Stay Safe



CHAPTER 18 CONTACTS

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For more information about EAA Chapter 18, email: info@eaa18.org

To submit articles, photos or other items for the newsletter as well as ideas, suggestions and corrections, contact:
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