



EAA Chapter 100 July 2020 Newsletter

<http://eaa100.org>

2020 Chapter Leaders

President
Jim Owens
President@eaa100.org

Vice President
Dwayne Hora
VP@eaa100.org

Secretary
Jeff Hanson
Secretary@eaa100.org

Web Editor / Newsletter
Art Howard
Webmaster@eaa100.org

IMC Club Director
Jim Owens—to handle future e-mails only
IMCClub@eaa100.org

Program Director
Jim Owens
ProgramDirector@eaa100.org

Technical Counselor
Wayne Trom
TechCounselor@eaa100.org
507-374-6245

Flight Advisor
Dave Nelson
FlightAdvisor@eaa100.org

Young Eagles Chairperson
Dwayne Hora – Co-Chair
Jim Owens – Co-Chair
YoungEagles@eaa100.org

Treasure / Tool Coordinator / Hangar
Gordy Westphal
Treasure@eaa100.org
ToolCoordinator@eaa100.org
Hangar@eaa100.org

EAA Chapter 100 is a nonprofit association involved in the promotion of aviation through adult and youth education, hands-on training, building and maintenance of experimental aircraft, and through community awareness programs.

This publication by EAA Chapter 100, Inc. is for the use, education and occasional enjoyment of its members and others. No claim is made for the accuracy or applicability of information herein. Editorial content is the opinion of the contributor not necessarily the position of either EAA Chapter 100 or the Experimental Aircraft Association.

Reader submissions and comments are strongly encouraged.



Until Next Year

-- EAA, By Cassie Bruss, EAA Human Resources Business Partner and Manager, Volunteer Programs

Editor: For those of us that volunteer at AirVenture, Oshkosh, WI, we are on a mailing list from EAA HQ. The is from our EAA HQ [Volunteer Newsletter](#).

June 23, 2020 – Summers in Wisconsin are a time to sit back and relax with family and friends after a typically brutal winter. The weather is usually nice and there is always a music festival, county fair, or breakfast on the farm (my kids' favorite) to enjoy the company of others. However, 2020 has been full of not-so-pleasant changes. By April, many festivals and events were being canceled around the country. Then, on May 1, EAA announced AirVenture 2020 would be canceled. While the reasoning is sound, and I too want everyone to remain safe and healthy, I, like most of you, felt a deep sadness. When I talk to new EAA team members in preparation for AirVenture, I mention the long hours, huge crowds, and sweltering heat, but I focus on the people, especially the volunteers. You all are at the center of EAA AirVenture culture!

I've seen many chairmen put together videos for their volunteer groups to wish them a great summer, and let them know they will all be missed and that their AirVenture family reunion would be even better in 2021. This is just another reminder that the airplanes bring people together, but the people keep everyone coming back. The multi-generation volunteer groups continue to astound me, and I'm still looking for ways to bottle that mentality, attitude,

(Continued on page 3)

Secretary Comments

-- Jeff Hanson

EAA Chapter 100

Chapter 100 meeting 6-13-20

- Even though weather prevented many from flying in, there were 17 members present - great turnout!
- Young Eagles discussion. Due to COVID-19 precautions, it does not look feasible to do any "rally" style Young Eagles events this year.
- Oshkosh / AirVenture discussion. It's very strange to not be planning our annual trip this year. I'm sure almost all of us are feeling the same way.
- Randy Bornhorst and Dave Griggs airplane projects are ready for inspection.

General "hangar flying" followed. It was great to see people again.

Respectfully submitted,

Jeff Hanson

Chapter Secretary



Incredible Lecture By F-14 Designer

-- Dick Fetcher

We're an experimental organization, and this is a tape about the growing pains of a truly experimental airplane. Very interesting.



Tyler Rogoway

[The War Zone](#)

[Aviation Intel](#)

Last year, we [posted a video of a downright awe-some](#) lecture by test pilot Paul Metz, the only person to fly both the YF-23 and the F-22. That event was put on by the Western Museum Of Flight in Torrance, California, with a seniors group in attendance publishing the presentation online. Very unique insights were had on the Advanced Tactical Fighter (ATF) program and why the YF-23 lost to the YF-22. Now we have another video to share from the same group. This one features retired Northrop Grumman Vice President and [F-14 Tomcat](#) designer [Mike Ciminera](#), who explains just how innovative and big a push forward technologically the Tomcat really was. It is among the very best videos on

(Continued on page 3)

(Continued from page 1) - Until Next Year

and perseverance so I can inspire more people who haven't volunteered in the past.

AirVenture 2020 would have been my fourth AirVenture. I feel like, by now, I've worked through all the kinks, but by no means consider myself a pro (yet). After the initial sting of the cancelation wore off, I quickly went into a glass-half-full mentality and saw this as an enormous opportunity to focus on areas that we weren't able to previously with the demands of AirVenture. As I look around, many others are doing the same.

Our facilities team is hard at work using this time to prepare for 2021 already! There is an EAA team dedicated to the new Spirit of Aviation Week to engage everyone digitally. Several EAA team members have been repurposed to other departments in an effort to get ahead on necessary operations. There are many more examples of our EAA teams using this time to reflect on their operations and make improvements. We aren't wasting any time!

Please take the time to reflect as well. If you're a long-time volunteer with a thought on how to make things better in your area, please share your ideas with your chairperson. If you have volunteered off and on over the past few years and are looking for a new opportunity, please reach out to me. We have many exciting opportunities for volunteers. And if you're one of EAA's summer-long volunteers, hold tight for now. We appreciate your patience and understanding while we ramp back up our operations from COVID-19.

EAA AirVenture Oshkosh 2021 will be amazing, and I look forward to seeing many of you next summer. There has to be a few rainy days to appreciate the sunny ones, and this will be no different! This will be our final volunteer newsletter of this season. If your volunteer family does get together at some point over the summer, please shoot me an email with a picture (cbruss@eaa.org). I'm sure everyone would love to see what you've all been up to in our first volunteer newsletter of next season. Until next year, stay safe and healthy!

(Continued from page 2) - Incredible Lecture By F-14 Designer

the Tomcat I have ever seen.

Ciminera starts with a short overview of the dawn of swing-wing technology and moves to the [F-111B debacle](#) that gave birth to the VFX program in the late 1960s. The VFX would become the F-14 Tomcat. Ciminera notes that his team of designers made over 6,000 design configurations as part of their effort to come up with the winning airframe for the VFX competition. He then goes into detail on the menagerie of flight control surfaces and fairings that were used to make the huge jet [maneuver like a nimble fighter](#) and also fly at high speed over long distances while loaded with missiles.

The storied aerospace executive underlines the evolutionary relationship between the F-14 and the [F-111](#) and just how big of a leap in swing-wing design the F-14 was even though it was developed, first flew, and was operational within a decade of the F-111 doing the same. Even the differences in the two types' [complex air inlet systems](#) are discussed. Ciminera then goes into the weapon systems on the Tomcat, including how the [E-2 Hawkeye](#) and F-14 Tomcat became an uncannily capable team that allowed for new tactics and procedures to be implemented that were not possible before the Tomcat hit the fleet. He also gives commentary on a company montage video and in the question and answer period it really hits home just how amazing a feat the Tomcat's design was, especially in terms of its complex swing-wing configuration.

Ciminera fully attests that the advent of the F-14 as we know it would not have been at all possible without the existence of the F-111 and a helping hand from the General Dynamics team that designed it:

"We learned from the F-111B... Without the F-111B we wouldn't have been this smart."

Check out the fascinating lecture in full below:

(Continued on page 4)

(Continued from page 3) - Incredible Lecture By F-14 Designer

F-14 Design Evolution

If you want to see where the Tomcat was set to evolve to if it was funded over the Super Hornet, check out our exclusive feature where we bring the Super Tomcat 21 to [life by clicking here.](#)

Author's note: A hat tip to my friend [@thenewarea51](#) for the heads up on this aviation history gem!

Contact the author: Tyler@thedrive.com

EAA Grounds Are Closed

-- By Chris Farrell, EAA Director, Safety and Security

COVID-19 has impacted everyone in some way, whether on a personal level or in business operations. For EAA, we had to take a hard look at our operations, keeping the health and safety of our staff, guests, and volunteers as our highest priority. One way we continue to do this is by keeping our grounds closed to all volunteers and guests until further notice.



All gates are closed and we have security staff monitoring the grounds. We are appreciative of all the support our volunteers provide, and we know this change hasn't been easy, but we appreciate your patience and understanding. AirVenture wouldn't be what it is without all of you, so we continue to

look forward to EAA AirVenture Oshkosh 2021 when you all return!

On a Lighter Side

-- Dick Fetcher

THIS IS A CONVERSATION BETWEEN A MAN AND HIS WIFE. SHE ASKS SEVEN QUESTIONS, WHICH HE ANSWERS QUITE SIMPLY. BUT THEN SHE IS SPEECHLESS IN TRYING TO RESPOND TO ONLY ONE QUESTION FROM HIM.

Wife: DO YOU DRINK BEER?

Husband: YES

Wife : HOW MANY BEERS A DAY?

Husband: USUALLY ABOUT THREE.

Wife: HOW MUCH DO YOU PAY PER BEER?

Husband: \$5.00 WHICH INCLUDES A TIP (THIS IS WHERE IT GETS SCARY!)

Wife: AND HOW LONG HAVE YOU BEEN DRINKING?

Husband: ABOUT 20 YEARS, I SUPPOSE.

Wife: SO A BEER COSTS \$5 AND YOU HAVE THREE BEERS A DAY WHICH PUTS YOUR SPENDING EACH MONTH AT \$450. IN ONE YEAR, IT WOULD BE APPROXIMATELY \$5400 CORRECT?

Husband: CORRECT!

Wife: IF IN 1 YEAR YOU SPEND \$5400, NOT ACCOUNTING FOR INFLATION, THE PAST 20 YEARS PUTS YOUR SPENDING AT \$108,000 CORRECT?

Husband: CORRECT!

Wife: DO YOU KNOW THAT IF YOU DIDN'T DRINK SO MUCH BEER, THAT MONEY COULD HAVE BEEN PUT IN A STEP-UP INTEREST SAVINGS ACCOUNT AND AFTER ACCOUNTING FOR COMPOUND INTEREST FOR THE PAST 20 YEARS, YOU COULD HAVE NOW BOUGHT AN AIRPLANE?

Husband: DO YOU DRINK BEER?

Wife: NO.

Husband: WHERE'S YOUR AIRPLANE?

FAA Amends SFAR 118 to Further Extend COVID-19 Relief

-- FAA.gov

6/25/2020

The FAA has issued an [amendment to Special Federal Aviation Regulation \(SFAR\)118](#). The amendment recognizes that even as stay-at-home advisories are lifted, airmen continue to experience difficulty complying with certain training, recency, checking, testing and duration requirements. The amendment extends some medical certificate relief that the original SFAR provided and expands medical relief to people whose certificates will expire in the coming months. It also expands relief to a new population of airmen who may be unable to satisfy training and qualification requirements due to disruptions caused by the COVID-19 public health emergency. Those who may be affected by this amendment should carefully review the eligibility, conditions and duration of each section of relief to ensure compliance.

Benson's Airport

— EAA Chapter 745

Coffee and Doughnuts, Benson's Airport (6MN9), White Bear Lake, MN

EAA Chapter #745 Fly-in/Drive-in Coffee and Doughnuts, 9 am – noon, 3rd Saturday of the month at Benson's Airport (6MN9), White Bear Lake, MN. Stop in for some free coffee and doughnuts. Runway is NOT plowed. Kim: 763-503-0161 Airport: 651-429-0315.

We plan to continue doing these every 3rd Saturday of the month.

Benson Airport

5860 Highway 61 N

White Bear Lake MN 55110

(651)-429-0315

EAA Chapter 745

White Bear Lake, Mn

Newsletter Editor

-- Art Howard

I keep checking [Social Flight](#) for Events, but find none. They list lots of On-Line events. I checked [Minnesota Department of Transportation for Aeronautics and aviation](#) for [Aviation Events](#) and found three for August. Where is one to fly to in July? Our Fathers Day Pancake breakfast in June did not happen. Other airport's Fathers Day Pancake breakfasts also did not happen. Starbuck Heritage Days and fireworks over the 4th of July was canceled. We have gone aircraft camping at Starbuck Airport, [D32](#), in years past. A great place to camp and sit by your airplane to watch the fireworks. Strange summer!

However, I have still been able to do some local flying. A sortie around Lake Pepin keeps getting entered in my Pilot Log Book.

I found another activity for this summer and fall. I joined [Angel Flight Central](#) and have been able to fly two missions so far. They have a set of COVID-19 instructions for the pilot and passengers. We wear masks. This is the first and last summer I can fly these patients since there is a rule that their Command Pilots have to be younger than 80 years old. If you are 80 and older you need a younger co-pilot, which of course depletes the payload on my Piper Cherokee. I turn 80 years old next January. Where has the time gone?

I hope everyone stays safe and finds time to fly or work on aircraft projects. Summer is now in full swing with the heat to go with it. Stay hydrated when flying or working on your projects.

Another heads-up. If you think you found an event to fly to, please call ahead to see if the event is still being held. I have done this a couple of times to learn the event has either been canceled or has other restrictions.

Submissions to this newsletter are welcome from EAA Chapter 100 members. Please send articles and pictures to newsletter@eaa100.org.

Your newsletter editor, Art Howard

Items for Sale

Note: The following e-mail was received for inclusion in our Newsletter:

From: "aabebay@evertek.net" <aabebay@evertek.net>

Sent: Friday, December 6, 2019, 10:20:33 AM CST

Subject: Long EZ Project For Sale

Please forward this information to anyone that may be interested in purchasing a Project. I will no longer be able to get my pilot's license due to medical issues. The URL below will take you to my website that shows most of the components included in the sale. The price is \$3000, but I am open to partial or complete trades (looking for enclosed trailer or SCCA project car), open to all offers, the worst I can do is say no. I can store this project until spring if needed. Please email with any questions, or use the reply box on the website.

<https://longezforsale.godaddysites.com/>

Thank You,

Allen

Editor: The airspace depicted below shows where you need ADS-B out. There is a lot of airspace where you **do not need** ADS-B out, including **KRST** and **KTOB**. ([FAA](#))

Editor: This is from the EAA Young Eagles **Pilot Guidelines** brochure: **Pilot Requirements**

The Young Eagles pilot requirements are basic, but **MUST** be followed.

- ◆ Be a current EAA® member and hold an appropriate airman's certificate (sport pilot or greater)
- ◆ Possess a current medical certificate (if applicable)
- ◆ Be current to carry passengers in the aircraft you plan to use
- ◆ Have a current flight review
- ◆ Complete the Young Eagles registration form before the flight, including parent or legal guardian signature, and pilot signature
- ◆ Conduct flights in an aircraft that is in airworthy condition
- ◆ Have aircraft passenger liability insurance for the aircraft used (owned, rented, or borrowed)
- ◆ Adhere to all applicable Federal Air Rules (FARs)
- ◆ Complete both the online training and basic background check as a part of EAA's Youth Protection Policy. For more information, visit EAA.org/YouthProtection.

Editor: Make sure you are current to fly Young Eagles at the EAA Chapter 100 Young Eagles event on Saturday, September 19, 2020. Does not look feasible this year..

