

# The FlyPaper

January 2021

The Official Newsletter for EAA Chapter 477, Charleston, South Carolina



## Words From the President

### Welcome to 2021

Seems we are still in a holding pattern, and the Executive Committee has put live meetings on hold. We will keep you posted on a month to month as consideration is made

I'd like to announce an award recipient:

Lee miller MVP

Thank you for years of service to 477.

If you go on line at [eaa.org](http://eaa.org) and look up eaa477 you'll see we now have a VMC club. Anyone can sign up, it's a monthly type of activity that will be done via email and if enough interest results, we can do zoom until live meetings resume. My email is [dougsrnhnm@gmail.com](mailto:dougsrnhnm@gmail.com) if you'd like to sign up.

We also need an IFR person to take up and start an IFR club for our chapter. Bill Grimes made mention he may be able to do it in the spring. I'd like to have a couple people running that one in case of absentee commitments or other things. For now if you'd like to sign up for IFR use my email above.

Our earned young eagles dollars that can only be used towards young eagles things. We purchased a couple of young eagles banners, a few more safety cones and a large white board to be used during a young eagles and speakers event. Thank you Nick Ugolini for that suggestion.

Be safe out there.....



Doug St Pierre  
President EAA 477



## Upcoming Events

### EAA477 Chapter meeting

Unfortunately due to the current Covid cases climbing the Executive Board has decided to cancel "in person" meetings for the current time. We will keep the membership updated on a monthly basis.

### South Carolina Breakfast Club:

Please use the following link to access the latest in scheduling:

<http://southcarolinabreakfastclub.com/2020-schedule>

## **Young Eagles Report**

*Lee Miller*

*Young Eagles Coordinator*

What can I say folks. We certainly would like to get back to flying Young Eagles. But as you have already read in Doug' comments, the Executive Committee unanimously agreed that we need to minimize exposure during this difficult time in all attempts to reduce the transmission of the Covid virus. A very disappointing decision, but one that needed to be made. We all are looking forward to when things can stabilize sufficiently so we can get back to this very important part of our chapter.

When we do get to the point that we will be flying Young Eagles again, we have some new materials that are a good addition to our assets. These will look good and assist us in helping the youth.

Meanwhile stay safe, stay well. Protect yourself and others..

## **December Meeting Summary**

*Glen Phelps*

What a difference between last year and this year! As you all know, we canceled the “in-person” meeting for December. As the end of the year was approaching, we again questioned if we should have an in-person meeting for January. I sent out an announcement on this a few days ago to our membership, that we again would “stand down” for January, and keep a look at a month to month basis regarding in person meetings.

We are exploring how to keep in contact with our membership if it is advisable to cancel in-person meetings again. Although not part of the restrictions, consider participating in the VMC club which we are starting. That is presented in the President's remarks on page one.

As probably most of you know, General Chuck Yeager passed away in December. To say that he is a legend is obvious. There are many books about his experiences, many I have read. I thought the tribute to his legacy that AVweb did was very good. (If you don't already subscribe to this online journal, you need to.) Here is a link to the issue that features tributes to General Yeager:

[https://www.avweb.com/aviation-news/chuck-yeager-dead-at-97/?MailingID=513&utm\\_source=ActiveCampaign&utm\\_medium=email&utm\\_content=Chuck+Yeager+Passes&utm\\_campaign=Chuck+Yeager+Passes+-+Wednesday%2C+December+9%2C+2020](https://www.avweb.com/aviation-news/chuck-yeager-dead-at-97/?MailingID=513&utm_source=ActiveCampaign&utm_medium=email&utm_content=Chuck+Yeager+Passes&utm_campaign=Chuck+Yeager+Passes+-+Wednesday%2C+December+9%2C+2020)

When you open this link, you will see three articles about General Yeager. All are good. If you open the third titled, “Aviation Remembers Chuck Yeager”, there are several videos, (I think I have watched all of them). One you could find, is a YouTube video which is a little over an hour and a half, (yes, I did watch it too, in two settings). It is (I think) an interview in early 1991. I decided to extract the YouTube link so that you could go right to it:

[https://www.youtube.com/watch?v=NqLOBPl\\_zLc&feature=emb\\_imp\\_woyt](https://www.youtube.com/watch?v=NqLOBPl_zLc&feature=emb_imp_woyt)

It is well worth taking the time to look at this video.....

The following article is from Charlie Becker, EAA Oshkosh. He sent it to “newsletter editors” throughout EAA chapters. I've taken a look at the website, and find that it might be something some of our members might be interested in. If you are one the readers that is not part of the chapter, maybe this will get you motivated to “start a project” and come down to join us. Here is the article:

# Homebuilders Week – Online Event Starts January 26

## *An online opportunity to learn about all aspects of building your own aircraft*

By Charlie Becker, EAA Homebuilt Community Manager

EAA is launching a new online learning event for aircraft builders: ([www.EAA.org/HomebuildersWeek](http://www.EAA.org/HomebuildersWeek)). It will be five straight days of educational forums covering a broad spectrum of aircraft building topics. It will launch on Tuesday, January 26, 2021, and run until Saturday, January 30, 2021. The live online presentations will be open to everyone interested in building their own aircraft. Sessions will start at 1 p.m. CST and run until 8:30 p.m. CST daily.

This event is an opportunity for a new person to jump in with both feet and learn a lot about the wonderful world of homebuilding. We will cover areas like getting started successfully and techniques when building with sheet metal, composites, steel, and wood. But it won't be just for the newbie; we are offering in-depth talks on panel planning, engine selection, FAA certification, flight testing, and selling a homebuilt aircraft. There will be something for every builder, whether you are just starting out, knee deep in a project, or just received your airworthiness certificate — it is going to be a great learning opportunity.

EAA is working with industry experts, kit manufacturers, and other subject matter experts to provide top-notch material for builders. The sessions will be live and allow plenty of time for attendee questions. Recordings will be archived and available to EAA members for review.

The launch of EAA Homebuilders Week coincides with the 68th anniversary of the founding of the Experimental Aircraft Association in 1953. Those founding members of EAA lit the fuse on the homebuilt movement that provides affordable access to aircraft ownership and today has spread worldwide.

EAA Homebuilders Week is possible through the generous sponsorships of Aircraft Spruce & Specialty Co., Dynon, Scheme Designers, Inc., and Van's Aircraft, Inc.

Visit [EAA.org/HomebuildersWeek](http://EAA.org/HomebuildersWeek) to review the schedule and sign up for a session.

## **Upcoming Aviation Events**

*Ron Malec*

### **FAAST Blast - FAA Safety Briefing News Updates**

*As a subscriber to the FAA Safety Team Newsletter I will periodically provide updates on information that I believe will be beneficial to all members.*

## **General Information**

**From the CFI Notebook: Aeronautical Decision-Making (ADM) --** <https://www.cfinotebook.net/notebook/...>

This is not all the information. I am just providing the Introduction and Conclusion for the same of brevity.

Introduction:

- Flying safely requires the effective integration of three separate sets of skills:
  - Most obvious are the basic stick-and-rudder skills needed to control the airplane
  - Next, are skills related to proficient operation of aircraft systems
  - Last, but not least, are Aeronautical Decision-Making (ADM) skills
- The ADM process addresses all aspects of decision-making in the flight deck and identifies the steps involved in good decision-making
- ADM is a systematic approach to the mental process (risk and stress management) used by pilots to consistently determine the best course of action in response to a given set of circumstances
- An understanding of the decision-making process provides a pilot with a foundation for developing ADM skills
  - It is what a pilot intends to do based on the latest information he or she has
  - Models such as the 3P and DECIDE models allow for structure to the dynamic process of decision-making

- Two defining elements of ADM are hazard and risk
- While the FAA strives to eliminate errors through technology, training, systems and improved flight safety programs, one fact remains: humans make errors
- There is an element of risk in every flight and therefore pilots must apply the principles of [risk management](#) throughout the ADM process

#### Conclusion:

- Before there were flight instructors, there was instinct
  - ADM training cannot cover every situation, but using all available information and experience, educated guesses should be trusted in the absence of certainty
- Remember, ADM is a [Special Emphasis Item](#) in the Airman Certification Standards
- Human factors and your personal day-to-day attitudes will dictate what you bring to the airplane
- While poor decision-making in everyday life does not always lead to tragedy, the margin for error in aviation is thin
  - Since ADM enhances management of an aeronautical environment, all pilots should become familiar with and employ ADM
- Traditionally, pilots have been well trained to react to emergencies, but are not as well prepared to make decisions requiring a more reflective response where greater analysis is required
- It is critical that hazardous attitudes can be understood so they can be recognized, labeled as hazardous, and the appropriate antidote applied
- The Federal Aviation Administration publishes a newsletter titled [Callback](#)
  - This newsletter, combined with reviews of past mishaps will ensure you keep grounded to the basic principles and safety practices you learned as that young private pilot on their first solo
- It is important to reiterate that these models are not linear thought processes
  - The decision-making process is a continuous loop of perceiving, processing and performing
- Use of these models is formal at first but become secondary in nature over time
  - At least five times before and during the flight, the pilot should review and consider the "Plan, the Plane, the Pilot, the Passengers, and the Programming" and make the appropriate decision required by the current situation. It is often said that failure to make a decision is a decision. Under SRM and the 5 Ps, even the decision to make no changes to the current plan is made through a careful consideration of all the risk factors present
- Distractions and interruptions can severely compromise flight safety
  - Check out the FAA Safety Team's [distraction management](#) enhancement topic

Additional information on ADM is here - <http://www.avhf.com/html/Library/ADM...>

- During the last portion of a four plus hour flight from Washington, DC, to Palatka, FL, a friend of mine had the opportunity to put Aeronautical Decision Making to work as he sorted out his landing options with deteriorating weather at his planned destination. He compiled the last 20+ minutes of his flight into a training video on ADM.
  - “ADM (Aeronautical Decision Making) is an important aspect of being a good pilot. Maintaining situational awareness and planning with respect to available capabilities (plane, pilot and weather) are key to successful ADM. Fly along on this return flight from Washington, DC(KHEF) to Jacksonville, FL (Palatka-28J) and experience ADM in practice. In this segment of flight, after almost 4 hours of flying, a 3-part plan was used to safely conclude the flight. Plan A was to take a look-see at conditions near airport and determine if VFR pattern and landing were possible (2+ hours of fuel remained). If not, plan B was to setup for instrument approach into RWY 9 (RNAV 9). And plan C was to go miss (after approach) and land at alternate airport (KJAX). Plan B worked and ADM provided the framework to observe, orient, decide then act on all available information. ADM is akin to OODA for fellow military service members.”  
<https://lnkd.in/ePE2DJH>

#### Airshow and Fly-in Schedule

- 2021 Airshows / Fly-ins
  - 10-11 April – NAS Jax Airshow, NAS Jacksonville, Jacksonville, FL, (KNIP)
  - 13-18 April – Sun-n-Fun Aerospace Expo, Lakeland Linder Regional Airport, Lakeland, FL (KLAL)
  - 24-25 April – MCAS Beaufort Airshow, MCAS Beaufort, Beaufort, SC (KNBC)
- [Blue Skies - Stay Safe and Fly Safe – Happy Holidays](#)

## ***Treasurer's Report***

***Aimee Pereira***

Beginning Balance December:	<b>\$4,098.09</b>	
Deposits:	\$10.00	(Donation)
Expenses:	\$398.00	(#1075 - Glen Phelps - reimbursement for recharter fees)
Ending Balance for December:	<b>\$3,710.09</b>	

The Executive Committee has decided to keep the dues at the \$20 level for the remainder of 2021. This decision was made since most members had already taken the opportunity offered in the “special”, and that “normal” meetings might be more limited in 2021 due to concerns with the pandemic. We also hope that non-members might be encouraged to join at the reduced rate.

Dues payments may be paid in person at the next meeting or sent to the following address:

Aimee Pereira  
107 Timberlake Ct Summerville, SC 29485

If you have any questions, I can be reached via email at [ea477.treasurer@gmail.com](mailto:ea477.treasurer@gmail.com)