

# DELMARVA EAA Chapter 1683 September 19<sup>th</sup>, 2024

## Next Meeting:

- **October 17<sup>th</sup>, 2024 7PM, DAMF Hangar**
- **IMC & VMC groups meet at 6PM, one hour BEFORE the 7PM mtg.**

## Key Dates:

- **October 4<sup>th</sup> & 5<sup>th</sup>, Georgetown (KGED) Wings & Wheels**
  - Please let Brian White know you are volunteering!
- **November 21<sup>st</sup>, 6-7PM Chapter Cookout at the Hangar [before the November meeting]**
  - Brian White is coordinating the cookout. Please let him know how you can assist in set up, prep, cooking, or clean up.

## Volunteer Opportunities:

- **October 4<sup>th</sup> & 5<sup>th</sup>, Georgetown (KGED) Wings & Wheels** – Please contact Brian White and Ron Covais.
- **November 21<sup>st</sup>, Chapter cookout** – Brian White is coordinating the cookout. Please let him know how you can assist in set up, prep, cooking, or clean up.
- **Chapter Trailer Refurbing** – Please contact Drew Mugno for some paint & wiring opportunities.

**OPENING:** The meeting was called to order at 7:01 PM by President Drew Mugno.

Larry Kelley and the DAMF volunteers were gracious enough to share their hangar for our meetings. Thank you to all who helped set up then red up afterwards.

**Attending:** Drew Mugno, Bob Cooper, Lloyd Austin, Ralph Capen, Rick Cyrus, Dennis Lilik, Gaylord Lentz, Kent Larson, Barry Gabler, Lee Tunney, Craig Tallman, Joe Greene, Roman Skarbek, John Chirtea, Steve Sharff, Ron Smith, Tom Ritter, Manny Figlia, Jim McSherry, Jacob Carson, Tim O'Neill, Frank Martin, Doug Vogel

**APPROVAL OF MINUTES:** Minutes from the August 15<sup>th</sup> meeting, were summarized and accepted.

## TREASURER'S REPORT:

- \$910.06 balance, w/all outstanding debts or bills paid.
- *Chapter* 1683 dues of \$30 are still being collected. Going forward, \$30 covers the balance of 2024 as well as 2025 too! **A 15 month value for the price of 12!**
- Contact Dennis Lilik for payment options: Email: [dlilik@verizon.net](mailto:dlilik@verizon.net)
- Remember, your EAA membership is with the *national* organization which is separate from our local chapter 1683 dues of \$30/year.

## Visitors/New Folks:

- **Tim O'Neill** – Tim is a DAMF volunteer, A&P, aerospace engineer and instrument pilot.
- **Rick Cyrus** – Rick has an RV-6 at Salisbury and has been flying since 1984. He recently punched his instrument ticket too.

## NEW BUSINESS:

### **October 4<sup>th</sup> & 5<sup>th</sup>, Georgetown (KGED) Wings & Wheels:**

- Set up is on the 3<sup>rd</sup>, including moving our demo Eagle to GED

- October 4<sup>th</sup> is Pathways to Aviation Career Day. During lunch time between 60-90 students and faculty will circulate among sponsors and volunteer tables.
- GED Open House is on the 5<sup>th</sup>.
- Look for an email outlining plans and volunteer needs

**EAA IMC Club [Steve Sharff] & EAA VMC Club [Frank Martin]** are thinking of combining the clubs initially. The first combined meeting will be 1 hour BEFORE our October 17<sup>th</sup> chapter meeting. This is a great complement to both EAA & AOPA Rusty Pilot initiatives.

#### **Chapter 1683 Trailer:**

- Kudos and a round of applause to Kent Larson for graciously donating a trailer to our chapter.
  - The roof needs some paint as well as a wiring check and some brake lenses.
  - Vents may be needed as well.
  - Volunteers to do this stuff are *definitely* needed.

**Meeting Raffle Fundraising:** An Apollo transponder from Frank Martin may be raffled at the October meeting.

#### **Young Eagles Updates from Craig Tallman:**

- Follow up from the Cambridge, MD event: Two potential YEs came forward afterwards. One has already been flown and the other should fly at October's event.
- The University of Maryland Eastern Shore started an Aviation Maintenance program in conjunction with Piedmont Airlines, the Salisbury-Wicomico County Regional Airport, and Salisbury-Wicomico Economic Development. [<https://www.wcp.umes.edu/amt/>]
- Worcester county schools need coaches and mentors for a statewide Maryland STEM competition. The events are in March and April of next year, the finals are in Columbia, MD. The focus is on transportation. Craig will attend the first information session and bring back more details.
- Craig also reminded us that some of our accrued YE dollars from EAA HQ can go to defraying the cost of YE T-shirts.
- The next event is at Wings and Wheels in Georgetown on October 4<sup>th</sup> & 5<sup>th</sup>.
  - October 4<sup>th</sup>: STEM and aviation career presentations
  - October 5<sup>th</sup>: Open House
  - October 12<sup>th</sup>: Possibly a YE flying event the following week at Georgetown.
- **Young Eagles Program Guidelines**
  - Ages 8-17
  - Short ground brief before flight
  - Discovery flight, of course!
  - Log book if the YEs are interested
  - Certificate and of course, our thanks for participating

#### **OLDER BUSINESS:**

##### **Dover Air Mobility Trip: Barry Gabler coordinating**

- Barry is looking at the end of October for the Dover Air Museum chapter trip.
- Will be on a Wednesday.
- Look for an email asking for members interested in attending.

**Chapter Ideas: Coordinators are needed! Please volunteer for something as our growing Chapter continues to expand its programs.**

**Chapter Website Update:** [<https://eaa1683.org>] Kent Larson, with the help of Tom Ritter, maintain our chapter website

- Send Tom pics of your build or creations
- A Newsletter manager is still needed.
- Tool Crib Updates
  - ◆ Tom Ritter & Kent Larson suggested maintaining a PDF of available tools.
  - ◆ Dennis Lilik shared a draft tool crib document as guidance. See attached PDF.
  - ◆ EAA HQ does have a program to partially subsidize the purchase of high-end tools for chapter sharing.
  - ◆ Lloyd Austin suggested members could manage their own tools for loan but make members aware of them by posting on the chapter's website.

## **Demonstrations & Builder Updates**

### **BlackFly Update: John Chirtea**

- Heather Chirtea, John's daughter, flew their BlackFly over to Georgetown before the chapter meeting, performing a nice series of passes and maneuvers before landing.
- John recharged the batteries over a period of about 30 minutes before the BlackFly returned to Hudson Fields.
- Coast Life broadcast a profile of John and Heather's BlackFly recently: [Spencer-Tober-meets-local-pilots-to-explore-the-future-of-flying-cars](#)
- They also made a journey to Spring Hill, outside of Salisbury, to showcase the BlackFly, requiring hops/recharges at Georgetown, Hardscrabble, and Laurel.

**Flight Directors versus Auto Pilots: Tim O'Neill** Tim, a DAMF volunteer and very experienced aeronautical engineer presented an overview of Flight Directors [FD] and Auto Pilots [AP].

- FDs are the brains of the system. Pilots selected modes, the FD receives inputs, then either directs the AP or directs the pilot to make inputs.
- APs provide the muscle, but otherwise follow the FD commands. AP servos drive flight controls and pitch trim. They also detect and correct errors in the axis of control it manages.
- Modes of Operation: Lateral & Vertical modes exist. Depending on your system you get one of each.
- An AP without an FD will just hold/maintain settings when it's engaged.
- Pilots Role in Automation:
  - Understand & use your system
  - Always know what modes are active and armed
  - Monitor & anticipate mode changes
  - Be always ready to disconnect and hand fly!
- Tim was gracious enough to share his contact information:  
(703) 998-4135  
[timo\\_53@juno.com](mailto:timo_53@juno.com)

### **Updates:**

- Tom Ritter is working on fiberglassing.
- Ralph Capen has parts out for painting.
- Drew Mugno reports his battery fits perfectly in his RV-7.
- Charlie Quandt's next task is his Ercoupe's rudder bell crank.
- Steve Sharff got his 310 back in the air. Next up is his Sundowner.

## Reference Desk:

**MASTER COORDINATOR:** Bob Cooper, [snoopercpr@comcast.net](mailto:snoopercpr@comcast.net), is our volunteer to *coordinate* stories and demonstrations. Make his burden lighter by letting him know in advance of the next meeting if you have a tool or technique to demo, or a story to share.

**BASIC MED:** Frank Martin, [mart16@comcast.net](mailto:mart16@comcast.net), can assist in answering BasicMed questions.

### Useful Links:

- NASA Aviation Safety Reporting System [ASRS] <https://asrs.arc.nasa.gov/report/electronic.html>
- NASA Form for pilots making a report: <https://asrs.arc.nasa.gov/report/caveat.html?formType=general>
- SFRA compliance: Carry your certificate of compliance & completion of the SFRA course.  
One source for the course is here: <https://www.faa.gov/gslac/ALC/courseLanding.aspx?cID=405>

The meeting was adjourned at 7:38PM.

**Submitted by Secretary, Doug Vogel**