

DELMARVA EAA Chapter 1683

Meeting Minutes March 21, 2024

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

Special *Thanks* to Larry Kelley for the use of the DAMF, and its members' assistance, with setting up the hangar for tonight's meeting. As well, the DAMF is looking for volunteers to support their programs.

Attending: Drew Mugno, John Chirtea, Lloyd Austin, Lee Turner, Dennis Lilik, Ron Covais, Ralph Capen, Charlie Quandt, Mark Gluch, Jim McSherry, Grant Saulsbury, Gary Moore, J. Craig Tallman, Greg Chalmers, Frank Martin, Jesse Hauch, Phil Schlosser, Randy Haufler, Abe Scheer, Brian White, Ken Philcox, Bruce Tharp, Ron Smith, Kent Larson, Doug Vogel

APPROVAL OF MINUTES: Minutes from the February 15th meeting were read and accepted.

TREASURER'S REPORT:

- \$633.06 balance, w/all outstanding debts or bills paid.
- Dennis reports all 2023 State & Federal tax returns were filed and submitted.
- 2024 *Chapter* 1683 dues of \$30 are still being collected.
- Contact Dennis Lilik for payment options:
 - Email: dlilik@verizon.net
- Remember, your EAA membership is with the *national* organization which is separate from our local chapter 1683 dues.

Visitors/New Folks:

- Mark Gluch is a retired electrical engineer, accomplished RC pilot, and former L-19 glider tow pilot.
- Jess Hauch is an FAA Designated Mechanic Examiner and Aviation Technology Instructor at Delaware Technical Community College.

NEW BUSINESS:

Delaware Aviation Hall of Fame: <https://www.dahf.org/Youth-Award.html>

- Deadline is April 30th, 2024
- **Nominate Brogan Conley for the 2024 Youth Award.**
- *Chapter Challenge:* Download form and complete it, nominating Brogan.
https://www.dahf.org/2024_DAHF_Youth_Award_Nomination_for_m.docx

Van's Aircraft Update:

- While parts are being shipped, whole kits are still not leaving the factory. Reports are that approx. 80% of customers agreed to the price increases proposed by Van's.
- *Update* – On March 27th Kitplanes posted this detailed message from Van's: <https://www.kitplanes.com/vans-posts-video-update-for-march-2024/>

MEMBER DEMOS:

- Kent Larson demonstrated Chapter 1683's website provided to us by EAA. Both the URL for the EAA site and our redirect link to that site will be shared at a later meeting.
 - The site supports:
 - YE section
 - Chapter calendar
 - Flickr page for photos
 - Project pages
- Drew Mugno showed a short video on bolt basics and passed around a bolt gauge used by the DAMF. He also highlighted 3 articles written by Kerry Fores from Kitplanes magazine on bolts, washers, and nuts.
 - AN960 Washers, the Penny and My Thoughts <https://www.kitplanes.com/an960-washers-the-penny-and-my-thoughts/>
 - Inserting Bolts, Installing Nuts <https://www.kitplanes.com/inserting-bolts-installing-nuts/>
 - Length Matters <https://www.kitplanes.com/length-matters/>
- Jesse Hauch & Charlie Quandt also suggested reviewing the FAA's Advisory Circulars:
 - AC 43.13-1B - Acceptable Methods, Techniques, and Practices - Aircraft Inspection and Repair https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC_43.13-1B_w-chg1.pdf
 - AC 43.13-2B - Acceptable Methods, Techniques, and Practices - Aircraft Alterations https://www.faa.gov/documentLibrary/media/Advisory_Circular/AC%2043.13-2B.pdf
- Doug Vogel passed around a block of LL-900 Space Shuttle tile material. This material was used on over 20,000 tiles on the outside of the 5 shuttle orbiters.
 - A question was asked on the cost of a shuttle tile. While exact estimates are approximations, multiple web sources indicate each tile ran about \$1,000.

- Jeff King shared his home made ADS-B Ground Receiver, allowing one to capture and, with the help of <https://www.adsbexchange.com/ways-to-join-the-exchange/>, view aircraft tracking data.
 - The device uses a Raspberry Pi processor
 - MicroSD card
 - Antenna
 - Assorted electronic components
<https://www.adsbexchange.com/hardware/>
 - Line of sight (LOS) operation from your antenna
 - Does not feed data to the federal ATC system
- Ralph Capen shared an interesting headset plug configuration he calls 'Building to an Interface.' He uses a standard molex connector with multiple, individual electrically isolated plugs to allow ease of use when switching headsets.
 - This brief description doesn't do it justice. I'll try and get a picture for the April minutes.

OLD BUSINESS:

Chapter Ideas: Coordinators are needed [Carried over from the February meeting]

- Lend/Lease Tool Crib
- Pancake breakfast at the DAMF hanger this spring
- Group trip to Dover Air Mobility Command museum at DAFB.
<https://amcmuseum.org>
 - Guided tours are available for groups of 10 or more.
 - Email, opsamcm@comcast.net or call the tour scheduler, (302) 677-3855, for tour assistance.
- BBQ w/our Members. Looking for a coordinator.
- Tour of the DAMF's "Library trailer"

Young Eagles Updates: Craig Tallman

- 2/29: Craig briefed Aviation opportunities presentation to the JROTC at Pocomoke HS
- 3/2 Ron briefed Aviation Opportunities presentation to YES WE CAN group at UMES
- 3/7: Fly Like a Girl
- 3/23: Young Eagles Rally canceled due to rain. (Need a new date in April.)⁵
- /18: YE Rally at OCMD airport

Young Eagles Program Guidelines

- Ages 8-17
- Short ground brief before flight
- Discovery flight, of course!
- Log book if the YE's are interested
- Certificate and of course, our thanks for participating.

Craig also shared EAA YE credit information with chapter officers.

Other Outreach Efforts:

- Open to STEM support opportunities
- Engaged w/2 full 8th-grade classes
- Will engage with 2 6th-grade ones

Reference Desk:

MASTER COORDINATOR: Bob Cooper, snoopercpr@comcast.net
302.344.4029, volunteered 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, can assist in answering BasicMed questions.

TFR Updates: [See November meeting minutes for details]

- 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>

NEXT MEETING: April 18th 2024 7PM, DAFM Hanger

The meeting was adjourned at 8:20PM by President Drew Mugno