



EAA Chapter 478

COCKPIT CHATTER

Lexington Park, MD

September 2023

A Bronze EAA Chapter



EAA Chapter 478 Monthly Gathering

September 16, 2023

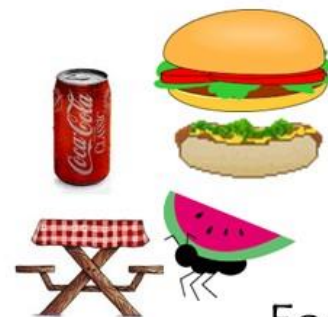
4:00 PM Chapter Picnic at MD50

Setup and Social Time: 2-4:00 PM

Directions are in the poster below



*Ya All it's
Picnic Time!!*



Food

EAA Chapter 478 Summer Picnic Fly-in/Drive-in

Date: Saturday September 16th 2023

Time: 2pm-Flying/Social Time/Set-up

4 pm-Picnic starts

Location: Chesapeake Ranch Airport (MD50)

Directions: Highway 2/4 N, right on 497 (Cove Point) to right on Little Cove Point Rd, 1.8 mi to back gate, left on Crystal Rock at stop, right on Bunkhouse Road, right on Side Saddle, straight into airport parking lot. (950 Side Saddle Trail, Lusby MD 20657)

Bring potluck dish/salad/chips&dips/dessert/something to share –

Chapter provides drinks & hotdogs/hamburgers!

In this edition of Cockpit Chatter

From The Top – Chapter Calendar is FULL!

Board of Directors Meeting Minutes – 5 September 23

Treasurer Report – Current Status

Young Eagles Corner - 30 Young Eagles Flown – John Attebury, Upcoming Events

The Homebuilder's Corner - Challenger II

The Flying/Maintenance Corner – Bay Bridge Airport NOTAM

For Sale – Free wire

FROM THE TOP

Tom Weiss, President EAA Chapter 478

I am looking forward to the picnic tomorrow, the weather should be perfect. Please plan on attending, it should be a good time.

We need more pilots for the Lawenceville VA Young Eagles Event on 23 Sep. Keith King is coordinating this, please let Keith know how you can help.

Note the NOTAM later in this issue pertaining to Bay Bridge Airport Runway closure.

We have a been invited to see the first Air Force One aircraft on 29 September, this event will be a Chapter Fly-out. Keith King is the POC, please contact him if you plan to attend

The Chapter is moving forward with planning a Chapter Build and Fly program. If you are not familiar with the Build and Fly program go to the EAA.org site and check it out. The Museum will host this event, we have Chapter volunteers and we have some interest from the local AMA chapter. We have received the aircraft kit from EAA, waiting for the electronics and other components. We have also ordered an additional airframe kit that has not arrived. This will be a great program, but the planning is critical to ensure it is educational and enjoyable for the Young Eagles.

We need a volunteer to provide a container for worn out aircraft tires that can be re-treaded. The container would be placed outside of Sid Wood's hangar as agreed to by 2W6 management. Not anything too elaborate, simply something with Signage and a lid to protect from the elements. It should hold about 20 tires. These tires can be recycled for \$5.00. This tire recycling effort is a fund raising opportunity for the Chapter. If you are willing to build a box or if a group of Chapter Members are willing to build a box, let me know.



Donation QR Code for EAA Chapter 478

Enjoy the weather, I look forward to seeing you at an upcoming Chapter event.

UPCOMING EVENTS

Picnic – 16 September

Lawrenceville VA Young Eagles – 23 September

We need pilots for this event, please consider helping by flying on the 23rd.

Fly-Out to Bridgewater VA – 29 September

If you are interested in the event, **please RSVP** to keithking@verizon.net or call/text 240-587-1480. I will need your Citizenship, First Name, Middle Name, Last Name (including passengers) and aircraft registration number. It would also be helpful to have your phone number and email address so I/we can communicate as the day gets closer. I need to provide a final list to Dynamic on Sept 22.

EAA 478 Fly-Out to Bridgewater Aircraft

September 29th (Rain/weather date: Sept 30th)

Time: 10 a.m. – 12 p.m. (or more, please see below)

Location: 1402 Airport Road, Bridgewater VA 22812

Airport Code: KVBW

Dynamic Aviation in Bridgewater, VA extended an invitation to our chapter to visit the First Air Force One at KVBW. First Air Force One is the 501c3 non profit organization behind the restoration of President Eisenhower's Lockheed Constellation VC121A "Columbine II" based at Dynamic Aviation. Please see the attached link for more info on Columbine II and the restoration project: <https://youtu.be/wZ59hCefH8w>



The tour will give us the opportunity to:

- Tour the First Air Force One restoration project and learn about the history of this aircraft as well as their future plan for it once completed
- Tour their other vintage aircraft fleet including Miss Virginia C-47, T-6 Texan, Beech 18, and Stearman among others
- Enjoy local donuts and coffee

As stipulated in the header, the planned First Air Force One / Legacy Hangar tour is scheduled from 10 – 12. Dynamic Aviation

(<https://www.dynamicaviation.com/>) specializes in a range of aviation services, including DoD work, so if there was interest from those who are planning to attend, I will see if Dynamic Aviation would be willing to expand the tour to include an intro to some of the other areas they're working and are involved in. Dynamic owns and operates 150 unique aircraft, including primarily Beechcraft King Airs and DeHavilland Dash-8s but also the Boeing 737s and the legacy fleet. Dynamic Aviation specializes in a range of aviation services. They offer Intelligence, Surveillance, and



Reconnaissance (ISR) solutions. They provide airborne data acquisition platforms for government and commercial customers and also conduct public health and safety missions, including mosquito and vector control, aerial spraying, and environmental management. Their services encompass flight operations, maintenance and repair, aerial application, oil spill response, and more. Please let me know at keithking@verizon.net if you would have interest in expanding the tour. (So check out [dynmicaviation.com](https://www.dynamicaviation.com/), and let me know if there are other areas of interest.)



Subjectively, it is a scenic flight and beautiful location. My son lives close by, and I have flown there 2 times. It's about 120 nm, and except for getting around Dahlgren and Hill MOAs, it's a straight shot west.

If you are interested in the event, please let me know (email is keithking@verizon.net or call/text 240-587-1480.) I will need your Citizenship, First Name, Middle Name, Last Name and aircraft registration number. It would also be helpful to have your phone number and email address so I/we can communicate as the day gets closer.



Please let me know if you have any questions.

EAA CHAPTER 478 MEETING MINUTES

EAA Chapter 478 Board Meeting Minutes
September 5th, 2023

1977 – Voyager Program: NASA launches the Voyager 1 spacecraft.

Attendees: John Attebury, Don Byrne, Darryl Crawford, Bill Englehart, Paul Gambacorta, Keith King, Chris Moody, Gabe Murray, John Reinert, Greg Stevens, Tom Weiss, Sid Wood, and Bernie Wunder

1. September Program – Picnic on 16 September at MD50. Do it at a hanger. Setup 1400, eat at 1600. Sept 16 is on.
2. October Program – John Schultz RV14A presentation in conference room or Darryl Crawford/Charlie Fox RV8 shop visit
3. Young Eagles at Lawrenceville, VA on 23 September. Keith is leading. 48 signed up. 7 Pilots right now. Currently have 8 pilots. Starts at 1000.
 - a. Future idea: rotate the on the road Young Eagle events at different places. Joining with Essex is helpful with this.
4. Fly-Out to Dynamic Aviation on Friday, 29 September.
5. YE at CRE on October 7th.
 - a. Currently have 5 pilots.
 - b. 30 kids at most
6. Updates on the Build and Fly Program
 - a. Still waiting on part of the kit. No electronics or the smaller airplane.
7. Tech Counselors – Avionics specialty Alan Toksdorf
8. Flight Advisor – Joe Arvai
9. Other topics
 - a. Get better food for YE events?
 - i. Discussion on getting the volunteers more than pizza
 - b. Build and Fly will be a future big event
 - c. Need to rotate trailer tires.
 - d. Ken has a photo album from the YE Rally.
10. Museum for Holiday Party?

TREASURER'S REPORT

Submitted by Don Byrne

| <u>EAA Chapter 478 Financial Report</u> | |
|--|---------------|
| Through 30 June 2023 | |
| Fund | Amount |
| Petty Cash | \$11.40 |
| Savings | \$439.00 |
| Checking | \$21,369.19 |
| | |
| Total | \$21,819.59 |

YOUNG EAGLES CORNER

Young Eagle Coordinators – Darryl Crawford/Keith King

**John Attebury is the first Chapter Member to fly 30 Young Eagles this year.
Congratulations John.**

Young Eagles Update

Submitted by Keith King

A couple quick notes and reminders. For the August 19th Young Eagle min-rally, we typically host the YE event after the VMC Meeting. But since we are in August, we are going to reverse that, and have the rally before the VMC meeting. We will have our pre-flight brief at 0800, so be ready to fly by then. And we will start flying Young Eagles at 0830 (until 1030). The VMC meeting will begin at 1100.

On September 23rd we will have a Young Eagle Rally at Brunswick County Airport (KLVL) in Lawrenceville, VA. We had a similar Young Eagle event at KLVL last year. It was a gratifying time, and they hosted us with some great food (breakfast and lunch), impacting some Weight and Balance calculations for the flight home. One of the best part of this event is the Young Eagles. They do not typically have this type of event in their area, so the Young Eagles, parents and County Officials were VERY appreciative. Tom Weiss got interviewed and the event made the evening news. If that does not convince you, the county will be making a \$1500 fuel contribution for the pilots. So please mark your calendars.



51 Young Eagles Flown on 1 September

Young Eagles Flown in 2023

| Pilots | 3/18 | 6/10 | 7/1 | | | | | | | Other | Total |
|--------------------|-----------|-----------|-----------|----------|----------|----------|----------|----------|----------|----------|-----------|
| John Attebury | 3 | | | | | | | | | | 3 |
| Scott Boas | | | | | | | | | | | 0 |
| Robert Bray | | | | | | | | | | | 0 |
| Don Byrne | | | | | | | | | | | 0 |
| Dan Byrnes | | | | | | | | | | | 0 |
| Richard Byrnes | | | | | | | | | | | 0 |
| Matt Carruthers | | | | | | | | | | | 0 |
| Michael D'Errico | 2 | | | | | | | | | | 2 |
| Egon Frech | 3 | | | | | | | | | | 3 |
| Paul Gambacorta | | | | | | | | | | | 0 |
| Don Gates | | | | | | | | | | | 0 |
| Robert Lightstone | | | | | | | | | | | 0 |
| Grant Miller | 2 | | | | | | | | | | 2 |
| Chris Moody | | | | | | | | | | | 0 |
| John Nelson | | | | | | | | | | 1 | 1 |
| Robert Jake Piercy | | | | | | | | | | | 0 |
| William Posnett | | | | | | | | | | | 0 |
| David Rivera | | | | | | | | | | | 0 |
| Ron Shippee | | | | | | | | | | | 0 |
| Ronald Surfield | | | | | | | | | | | 0 |
| Benard Wunder | 2 | | | | | | | | | | 2 |
| Total | 12 | 67 | 34 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 13 |
| | | | | | | | | | | | |

EAA Chapter 478 Young Eagles Total

| Year | Flights | Year | Flights |
|--------------------|-------------|--------------|-------------|
| 1992 | 6 | 2012 | 242 |
| 1993 | 54 | 2013 | 79 |
| 1994 | 44 | 2014 | 127 |
| 1995 | 79 | 2015 | 248 |
| 1996 | 89 | 2016 | 206 |
| 1997 | 90 | 2017 | 205 |
| 1998 | 47 | 2018 | 209 |
| 1999 | 23 | 2019 | 112 |
| 2000 | 113 | 2020 | 2 |
| 2001 | 94 | 2021 | 65 |
| 2002 | 90 | 2022 | 269 |
| 2003 | 101 | 2023 | 13 |
| 2004 | 66 | 2024 | |
| 2005 | 138 | 2025 | |
| 2006 | 97 | 2026 | |
| 2007 | 122 | 2027 | |
| 2008 | 51 | 2028 | |
| 2009 | 113 | 2029 | |
| 2010 | 156 | 2030 | |
| 2011 | 187 | 2031 | |
| Total | 1760 | Total | 1777 |
| Grand Total | | 3537 | |

THE HOMEBUILDER'S CORNER

Challenger II Builder Report – September 2023

Submitted by Sid Wood

I am Building a Quad City Aircraft, Challenger II E-LSA 2007 Kit:

I attached the Aluminum hinges to the Ailerons and then in-turn attached the second part of the hinge leaf to the Rear Wing Spar using the spacing of the hinge barrel as specified in the QC Instructions. I used CCP-42 for the Aileron Spar and CCP-44 Stainless Steel pop rivets for the Rear Wing Spar.

The QC Instructions call for +/- 30 degrees deflection for the aileron movement. Results for each Aileron are +40 degrees and -30 degrees deflection. It is a done deal after popping 328 stainless steel rivets.



Pictures show the Zero Level Reference, Down Aileron measurement, Up Aileron measurement, and an overview of both Left and Right Ailerons fully attached.



More yawn inducing details may be found in the [EAA Builders Log Site](#)

THE FLYING/MAINTENANCE CORNER

No Reports this Month

General Aviation Bulletin

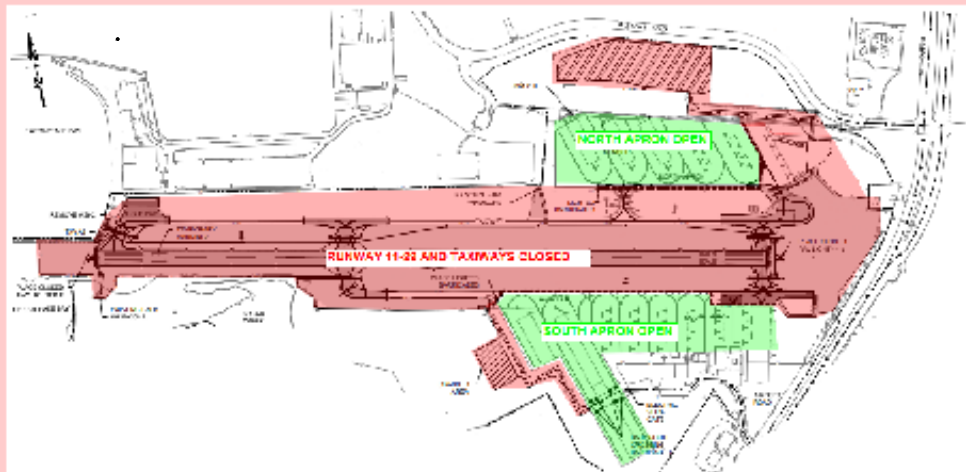
from the Office of Regional Aviation Assistance

W29 RWY 11/29 CLOSED

When: Aug 14 — Oct 27, 2023
Oct 30 — Nov 10, 2023

Where: BAY BRIDGE AIRPORT (W29)

What: RUNWAY 11/29 AND TAXIWAYS CLOSED



Rotorcraft may coordinate PPR with Airport Management

For details call Airport Management at: 410-643-4364

FLY SAFE

CHECK NOTAMS

FLY SMART

For immediate release, please post / distribute.

No. 2023-04

Issue Date: August 9, 2023

MDOT MARYLAND DEPARTMENT OF TRANSPORTATION
MARYLAND AVIATION ADMINISTRATION

FOR SALE/FREE

Wire and Velco - Free

I have a large quantity of Hook & Pile (Velcro) fastener material in various widths up to 2", mostly with sticky backing, but there might be some sew on also, I have not looked at all of it.

I also multiple reels of multi-conductor aircraft wiring in various gauges and conductor counts. I have not extensively looked at all of it but I think it is mostly 18 AWG.

All of this is new and was saved from the trash when a contractor was cleaning house. It is available from me, free, in the quantity you need for your project. Contact me at (240) 298-6158 for further information.

CHAPTER 478 CALENDAR OF EVENTS

| Date | Event | Location |
|------|-------|----------|
| MAY | | |
| | | |
| | | |
| JUNE | | |
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| | | |

In the Chocks

Thanks for all of the inputs this month, looking forward to seeing all of you at a Chapter event soon.

Build, Repair and Fly Safe.

Tom Weiss – Editor/President

Cockpit Chatter is published monthly by the Experimental Aircraft Association (EAA) Chapter 478 solely for the dissemination of information and ideas to the membership. Gatherings are held on the Third Tuesday of the month at 7:30 PM in the Patuxent River Test and Evaluation Museum. Membership is \$20.00 per year and requires an active membership in EAA. Any opinions expressed herein are strictly those of the author and do not necessarily reflect the opinions of the chapter or the Experimental Aircraft Association.

Chapter Officers

President: *Tom Weiss 2022-23*

Vice President: Paul Gambacorta 2023-24

Secretary: Gabriel Murray 2022-23

Treasurer: *Don Byrne 2023-24*

Committee Chairs and Chapter Advisors

Social Chairman: *Bernie Wunder, Sid Wood*

Membership Chairman:

Program Coordinator: Paul Gambacorta

Young Eagles: Darryl Crawford/Keith King

Flight Advisors: *Bill Posnett*

Technical Counselors: Sid Wood 2018

Newsletter Editor: *Tom Weiss*

Web Editor: Chris Moody

Tool Crib Committee: Colin Cline/Alan Tolksdorf

Board Members

Sid Wood 2022-23

Darryl Crawford 2022-23

Chris Moody 2023-24

Bill Englehart 2023-24

John Attebury 2023-24

Brian Link 2022-23

Jacqueline Link 2022-23

John Reinert 2023-24

Greg Stevens 2023-24

Keith King 2023-24

Chapter Web Address

<https://chapters.eaa.org/EAA478>