



EAA Chapter 478
COCKPIT CHATTER
Lexington Park, MD November 2021
A Bronze EAA Chapter



EAA Chapter 478 Monthly Gathering

November 16, 2021


Pax T&E Museum

Program: How to build you own airplane


Builder Project Show and Tell


Social Time 6-6:30 PM

Gathering starts at 6:30 PM




The Leader In Recreational Aviation






Airplane Building Kit

PURCHASE



EAA Chapter 478 presents

How to Build Your Own Airplane



EDUCATION RECREATION

HOMEBUILDERS

Date: Tuesday, November 16, 2021

Time: 6:00pm H Dogs /Chips/Cookies

6:30pm Program

Location: Navy T&E Museum

(Lexington Park, MD)

For chapter info check our website at [Chapter_478\(eaa.org\)](http://Chapter_478(eaa.org))

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For Sale –

Update on 2W6 Construction Schedule

Submitted by 2W6 Airport Manager

This is several months old, if anyone has an update, send it to me so I can post it: TAW

Runway 11 threshold work has begun. Please remember to check NOTAMs as we go through Phase II (primarily earthwork) of the Runway extension and Phase III (paving of the extension) expect to be completed in 2022. The runway availability can change from day to day.

FROM THE TOP

Tom Weiss, President EAA Chapter 478

We have an interesting program this month discussing Homebuilding and the pros and cons of undertaking an aircraft build. Our focus will be on the Amateur Built segment of EAA. As a Chapter we strive to provide programs that cover all aspects of Recreational Aviation, the aircraft, the pilots and the maintenance. We (The Chapter Board of Directors) are always looking for programs that address all phase of recreational aviation and look forward to your suggestions for future programs.

Chapter elections will be held this month at the Gathering. Candidates are:

President – Tom Weiss

Secretary – Gabe Murray

Board of Directors – Jacqueline Link, Brian Link

Nominations can be made at the Gathering.

Our long term goal is to fly a small group of Young Eagles after VMC meetings, of course this is weather dependent and pilot/volunteer dependent. It will take us a little time to get this figured out. Be on the lookout for more information and invitations from Darryl in the months to come.

Let me know if you have suggestions for fly-out locations. Also if you are aware of any Fly-Ins or other aviation events scheduled this Fall that would be a good fly-out events for the Chapter. We should try to support the Williamsburg breakfast on the 2nd Saturday of each month, it is for a good cause.

UPCOMING EVENTS

VMC Meeting 20 Nov
Christmas Party 14 Dec

EAA CHAPTER 478 MEETING MINUTES

EAA Chapter 478 Meeting Minutes
November 2, 2021

1947 – In California, designer Howard Hughes performs the maiden (and only) flight of the Hughes H-4 Hercules (also known as the "Spruce Goose"), the largest fixed-wing aircraft ever built.

Attendees: Don Byrne, Darryl Crawford, Bill Englehart, Egon Frech, Paul Gambacorta, Chris Moody, Gabriel Murray, Tom Weiss, and Sid Wood

Agenda:

1. Monthly Gathering-EAA Homebuilders Presentation
 - a. Targeted event to draw potential members to the chapter. Hoping for a good turnout.
 - b. Doing it at the museum.
 - c. Advertised in the SOMD Newspaper
 - d. Need volunteers to bring in something, (5 minutes each).
 - i. Don is bringing a rudder and elevator for Newport.
 - ii. Tom is going to bring a landing gear.
 - iii. Darryl can bring electrical stuff/Toolbox
 - iv. Sid can bring a dorsal fin.
 - v. Gabe will bring aileron.
 - e. May bypass elections for a big crowd to get through content.
2. VMC Club and Young Eagles on the 20th of November.
 - a. Farmers Market will be at the terminal.

3. Christmas Party
 - a. Terminal vs Museum(?) Terminal has better “kitchen” setup
 - b. Moving this to the 14th of December @ 1700 for prep and social. To avoid people traveling the week of Christmas.
 - c. Pot Luck w/ Turkey and Ham.
4. Elections
 - a. Planned to occur for November chapter gathering.
5. Massey fly-in is first weekend of December. This has not been confirmed.
6. Williamsburg Fly-in is on 2nd Friday of November.
7. Trailer license plate renewed, \$113.95 to register for 5 years.
8. Chapter renewal is due, about \$400.
9. Membership is due at the new year for 2022.
10. Chapter Video regarding Young Eagles website, parents and pilot can now sign on an iPad. Certificate on the spot requires printing or manual filling out.

TREASURE’S REPORT

Submitted by Don Byrne

<u>EAA Chapter 478 Financial Report</u> Through 31 Oct 2021	
Fund	Amount
Petty Cash	\$57.29
Savings	\$439.00
Checking	\$22,051.17
Total	\$22,547.46

SOCIAL COMMITTEE CORNER

Bernie Wunder submitted the picnic summary that is below and thanked all the people that helped coordinate and prepare the picnic. But he did not thank himself, he deserves a big thank you from all of us, his efforts are what made the picnic happen and it be the success it was. Thanks for all you did for the Picnic and thanks for all you do for the Chapter!! TAW

EAA Chapter 478 Summer Picnic 2021

Submitted by Bernie Wunder

I forgot to write up for last month's newsletter a synopsis of our annual chapter picnic at the CRE Airport held in September. It was one of the most beautiful days weatherwise that we have had for a picnic. Unfortunately, many of our usual attendees were out of town for the weekend or attending another activity. But that did not deter us. There were a couple of chapter members who flew in. We had at least three give some airplane rides to others that were eager for taking a flight. One even brought his daughter and we got in a Young Eagle ride.



Videos of some takeoff and landings were made and shown at a MD50 airport safety meeting last month. This is the flying activity we should be doing more of at these kind of chapter events and I would encourage others to participate in the future. I really appreciate the help in the hosting, set up, cooking, and clean up. It was great to see everyone and thanks to those who flew and attended. All in all it was one of our smaller but more memorable picnics we have had (IMHO). Here are a couple of photos from the picnic.



YOUNG EAGLES CORNER

Young Eagle Coordinator – Darryl Crawford

I am working on a plan to hold several smaller YE Rallies over the course of the year, stay tuned for more information.

2021 Statistics

Pilot	Young Eagles Flown 2021					Total
	9/23/2021					
Attebury, John	5					5
Bray, Buck	3					3
Byrne, Don	7					7
Cooke, John	4					4
Crawford, Darryl	5					5
Lightstone, Bob	4					4
Moody, Chris	4					4
Nelson, John	4					4
Rivera, David	4					4
Surfield, Ron	4					4
Wunder, Bernie	3					3
Totals	47	0			0	47

Year	Flights	Year	Flights
1992	6	2008	51
1993	54	2009	113
1994	44	2010	156
1995	79	2011	187
1996	89	2012	242
1997	90	2013	79
1998	47	2014	127
1999	23	2015	248
2000	113	2016	206
2001	94	2017	205
2002	90	2018	209
2003	101	2019	112
2004	66	2020	2
2005	138	2021	47
2006	97		
2007	122		
TOTAL	1253	TOTAL	1984
GRAND TOTAL		3237	

THE HOMEBUILDER'S CORNER

RV7 Project Status

Submitted by Chris Moody

The brief status update below summarizes my accomplishments over the last 6 months.

The first picture shows the basically finished canopy (tip up style). It mates with the not shown "rear window" with a seam at the roll bar. This was a lot of work.



The second picture shows the wheel pant and gear leg fairing fitted. These have to be carefully aligned in trail with the gear unloaded and fuse level as they would be in flight. Here it is level and pretty close to unloaded since the engine is not mounted at this point.



The third picture shows the fitting of the top cowling. Here the engine and flywheel must be in place as the first step is to establish the location of the aft spinner bulkhead. The propeller is simulated by using carefully measured PVC pipe spacers. In my case I plan on using a Hartzell Constant Speed prop. I am assured the spacers need to be 2 1/8" which is what I have used here. The goal is for a gap of 1/4" between the forward edge of the cowl and the aft edge of the spinner. Too tight makes the cowl hard to remove and install and too much looks excessive and may even adversely affect cooling airflow. Vans specifies hinges with removable pins for all cowl to firewall attachment as well as for mating the cowl halves. I am opting for skybolt fasteners only for this top section to the firewall. This curved region makes insertion of the hinge pins difficult. My experience with my RV-6 has been that the hinges for the other (straighter) sections is simple, effective and easily removed/installed for maintenance actions.



THE FLYING/MAINTENANCE CORNER

No Report

FOR SALE

CHAPTER 478 CALENDAR OF EVENTS

Date	Event	Location
JANUARY		
FEBRUARY		
MARCH		
APRIL		
May		
June		
July		
AUGUST		
SEPTEMBER		
OCTOBER		
NOVEMBER		
DECEMBER		

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 2020-21*

Vice President: Paul Gambacorta 2021-22

Secretary: Gabriel Murray 2020-21

Treasurer: *Don Byrne 2021-22*

Committee Chairs and Chapter Advisors

Social Chairman: *Bernie Wunder*

Membership Chairman: John Cook

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 2020-21

Darryl Crawford 2020-21

Chris Moody 2021-22

Egon Frech 2020-21

John Nelson 2020-21

Bill Posnett 2020-21

Bill Englehart 2021-22

Chapter Web Address

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