



EAA Chapter 478  
***COCKPIT CHATTER***  
Lexington Park, MD June 2022  
**A Bronze EAA Chapter**



## **EAA Chapter 478 Monthly Gathering**

**June 21, 2022**

**2W6 Open Hangar**

**Social 5:00-5:30 – Self Directed Tours begin at 5:30 PM**  
**Social Location Sid Wood's Hangar M4**

### **In this edition of Cockpit Chatter**

**From The Top** –Chapter 478 is a Bronze Chapter and Young Eagles

**Board of Directors Meeting Minutes** – 7 June 22

**Treasurer Report** – Current Status

**Young Eagles Corner** - Lawrenceville VA and 2W6 Rally, Memorable YE Flights

**The Homebuilder's Corner** - Spinner Backing Plate Cutting

**The Flying/Maintenance Corner** –Aeronca Chief Acquisition, RV6A Flap Position Hold Fixture, RV6A Cowl Removal Scratch Prevention

**For Sale** –

**Open Hangar Ramp Access:** There are two ways to get to Sid's hangar.

1. If you can get through the main gate that leads to the hangars, go through the gate, turn left and the M4 hangar will be on your left, should be second row. Parking will be in front of hangars M5 and M6.
2. Walk through the personnel gate next to the Blue Atec Hangar, this provides ramp access. The gate access code is the CTAF frequency which is 1230#. Walk across in front of the Blue Hangar, turn left up the taxiway to hangar M4 on the left.



## EAA CHAPTER 478 OPEN HANGAR & SOCIAL GET TOGETHER at ST MARY'S AIRPORT(2W6)



Meet here at  
Hangar M4  
Visiting  
Airplanes park here

### Tuesday June 21, 2022

5pm – 8pm  
Rain or Shine



Visit 2W6 (St Mary's) Airport  
with your buddy for some  
drinks, chips & a hot dawgs



- Chapter members and airport tenants invited to show their airplanes
- See airplanes up close & in their hangar
- Pilots with planes invited to fly in
- Do some "Hangar Flying" with local pilots

Additional info: [Chapter 478 \(eaa.org\)](https://www.eaa.org/chapter/478)

## Airport Construction Update

Submitted by Allison Swint

The Terminal Building food vendor will begin operations in July. More details to follow on days and times of service.

Phase III is underway for the runway extension and should be completed by December 2022.

## FROM THE TOP

Tom Weiss, President EAA Chapter 478

Congratulations to all of our members who participate in the various Chapter and HQ programs that have contributed in the Chapter achieving Bronze Status. This status is only achieved by a small number of Chapters and your participation in things like the EAA Membership Survey helps us achieve the score of 7 needed for a Bronze rating. I have posted the letter I got from EAA below explaining the significance and award criteria for this recognition.

We have had two great Young Eagle events this month where we have flown in excess of 80 Young Eagles. Thanks to everyone who participated, the smiles on the faces of the Young Eagles makes the effort worthwhile.

Our annual Open Hangar event will be our Gathering activity this month. I thank everyone who has taken the time to open their hangar and talk about their airplane. I am looking forward to spending some time with all of you at this event.

We will not hold a VMC meeting this month due to the number of events we have already held in June and the airport was NOTAM closed for the weekend for the AUVSI Competition, so we didn't have a room available to hold the VMC.

I am always looking for ideas on what activities we can hold for both our membership and to support the aviation community in Southern Maryland. Now that we are in the peak of the good flying season, Fly-outs and Fly-Ins are opportunities are plentiful. Please provide me your ideas on events or activities we could hold that would either be fun for us or will foster aviation and aviation safety in our area.

Have a safe and enjoyable 4<sup>th</sup> of July Holiday.

Tom Weiss  
President EAA Chapter 478



Dear Chapter President,

Congratulations to your chapter in successfully reaching the BRONZE level status recognition level for the combined 2020 and 2021 years. EAA is happy to present you with a chapter recognition banner to proudly display where your chapter meets. Your level also will be displayed online at [EAA.org/FindAChapter](https://EAA.org/FindAChapter) with a specially designed emblem. You are encouraged to use your emblem on your website, newsletter, and other promotional materials; your chapter emblem is attached in this email.

To review your chapters overall scoring, please see the attached spreadsheet document, and simply find your chapter.

This program was developed and measured in partnership with EAA's Chapter Advisory Council, and is based on 10 criteria that are consistently found in active and highly engaged chapters. Due to 2020 and 2021 being, challenging years for chapters to maintain a high level of engagement, these years have been combined into a single recognition period. This was done to help chapters have a longer period of time to engage in the 10 criteria. An additional 11<sup>th</sup> criteria point was included this year to help offset the unique challenges associated with limited social engagement, and to observe unique chapter approved activities. Each is worth a point, and there are three levels of recognition: bronze (7 out of 11), silver (8 out of 11), and gold (at least 9 out of 11).

1. Attends a chapter leadership training session
2. Growing or steady membership
3. Offers IMC or VMC Club programs
4. Participates in Young Eagle or Flying Start programs
5. Has EAA-approved Flight Advisor or Technical Counselor
6. Participates in EAA's Annual Chapter Member survey
7. Participates in Young Eagles Build and Fly, Young Eagles Workshops, Ray Aviation Scholarship program, or sends a youth to EAA's Air Academy
8. Requests an EAA ChapterBlast email
9. Hosts at least two public events each year
10. Owns/leases a facility
11. Extra credit activity, such as a chapter build project, youth build project, chapter scholarship, a chapter tool crib, IAC competition, etc.

To learn more about this program, how scores are calculated, and how to improve your chapter's recognition score, please visit [EAA.org/ChapterRecognition](https://EAA.org/ChapterRecognition). If you have additional questions, please call us at 920-426-5912 or send an email to [chapters@eaa.org](mailto:chapters@eaa.org).

Tailwinds,

John Egan, Sr. Manager, EAA Chapters

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# **UPCOMING EVENTS**

Open Hangar event – 21 June, starts at 5:00 PM

July VMC and Young Eagles – 16 July

July Gathering – 19 July

## **EAA CHAPTER 478 MEETING MINUTES**

EAA Chapter 478 Board Meeting Minutes

June 7, 2022

1939 – First flight of the German Focke-Wulf Fw 190 fighter aircraft.

Attendees: John Attebury, Don Bryne, Darryl Crawford, Paul Gambacorta, Jacqueline Link, Brian Link, Chris Moody, Gabriel Murray, Tom Weiss, and Sid Wood,

- 1) Young Eagles
  - a) Big 2W6 rally was successfully held on June 11<sup>th</sup>.
  - b) Young Eagle no-shows
    - i) A certain percentage of kids end up being no shows (been observed with VMC events), what is the best way to deal with this to prevent under-utilization of pilots? Review how the June 11<sup>th</sup> rally went. Ongoing discussion.
  - c) Potential Young Eagles participation with an aviation camp associated with St Mary's Ryken.
- 2) Open Hanger
  - a) Nearly planned. Further details will accompany the newsletter.
- 3) July & August Programing
  - a) If you have any suggestions, please speak up.
- 4) Fall CRE Young Eagles Rally
  - a) CRE working on organizing the event
- 5) Chapter Survey
  - a) We had good chapter participation and positive feedback.



# **TREASURE'S REPORT**

Submitted by Don Byrne

<b>EAA Chapter 478 Financial Report</b>	
Through 1 June 2022	
<b>Fund</b>	<b>Amount</b>
<b>Petty Cash</b>	\$1.40
<b>Savings</b>	\$439.00
<b>Checking</b>	\$21,057.40
<b>Total</b>	\$21,497.80

## **YOUNG EAGLES CORNER**

Young Eagle Coordinators – Darryl Crawford/Keith King

### **Young Eagles Update**

We have had two great events this month, one in Lawrenceville VA and the second at 2W6. A big thank you to all who participated in these YE Rallies.



Lawrenceville VA Building Entrance



The Team at the Lawrenceville VA Rally

## Young Eagles Flown in 2022

Note: Table below is missing the data from 11 June

Pilot	Young Eagles Flown 2022								2022 Total
	4/23	5/1	5/21	6/4	6/11				
Attebury, John	2		1	3					6
Bray, Buck				3					3
Byrne, Don	1								1
Byrnes, Dan				1					1
Byrnes, Rich			1	2					3
Crawford, Darryl									0
D"Errico, Mike				3					3
Frech, Edgon			1						1
Gambacorta, Paul	1	5							6
Lightstone, Bob									0
Moody, Chris	2			2					4
Nelson, John	2								2
Posnett, Bill				2					2
Rivera, David			3						3
Surfield, Ron	2			3					5
Wunder, Bernie	1		1	3					5
	11	5	7	22	0	0	0		45

## Chapter 478 Young Eagle History

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	65
2006	97	2022	45
2007	122		
TOTAL	1253	TOTAL	2047
GRAND TOTAL		3300	



# Memorable Young Eagle Flights by Bernie Wunder

Submitted by Bernie Wunder



I had a great time flying Young Eagles this month. On June 4<sup>th</sup> several of us flew down to Lawrenceville (LVL) to fly about 20 some Young Eagles. I flew 3 and my most memorable was my last. He was 14 and really hesitated to fly. But somehow his mother convinced him to go. He was a big guy and off we went. I asked him if he was going to play football next year at high school. He said "NO, I am playing in the band!" He hesitated to take control and fly, and as we were going around the circuit, he told me he was afraid of heights. I asked him if he was scared, but he said no. When we got back on the ground, we had our picture taken and he was smiling

from ear to ear. His grandmother told me that he was homeschooled because kids at school bullied him. What was funny was when they left and got into the car, his mother all of sudden came back in and said her son had sent her back in to get the pictures we taken in the air! Must have done something to impress him 😊



The second memorable YE flight was at our YE rally at 2W6. It was my last of 5 kids flown. The father was only going to let his son fly if he could go along, because he was fearful of how the kid might react in the sky. So we got the father buckled into the back seat and off we went. I started asking the kid questions like what river was in front of us as we headed to Leonardtown. He said Potomac instantly. We headed toward Broomes Island and I asked him what river was in front of us....he said Patuxent. Then beyond was the Chesapeake Bay. He was the smartest kid I had flown that day. Then I asked where he lived and found out it was two streets down from where I live in the Chesapeake Ranch Estates. So I called the Pax Tower and asked if we could take a sightseeing trip around Solomons Island. They approved and so over Lake Lariat, down

Driftwood & Seahorse Beach, and then across Solomons Island and the Thomas Johnson bridge back to 2W6. Both the kid and the father were ecstatic seeing where they lived. And I will never forget another memorable YE flight!

PS – what was common in both of these flights? Ask me sometime 😊

## **THE HOMEBUILDER'S CORNER**

### **RV7 Spinner Bulkhead Cutting**

Submitted by Chris Moody

The Spinner Bulkhead is at the base of the Spinner. The part that comes from Vans is a universal part in that it will work with fixed pitch and constant speed propeller installations. I am installing a constant speed propeller and with this installation the bulkhead needs to be modified by the building. The center must be removed for the propeller hub clearance.

I talked to Chris at Pax Aero Solutions at the Airport to see if they could cut out the center of the bulkhead per the RV7 plans. He did the cutting using the CNC Router, and now that he has the drawing CAD file for this mod he can do it for anyone quickly. The little piece in the



picture is what was cut out. It would have been mostly sawdust on my basement floor if I did it myself. I wasn't expecting that he would add the rivet holes too. It all seems to line up.

Chris told me he wants to get into assisting home builders where ever they can. He is doing some panel work now for Charlie Fox also. He charged me \$80 but I probably paid for some of the one time setup cost. This one is in their files now.

## **THE FLYING/MAINTENANCE CORNER**

### **The Attebury Air Force has a new addition**

#### **A pre-war Aeronca Chief**

Submitted by John Attebury

Don Byrne, Mike D'Rico and I went up to CT and pick up a 1941 Aeronca. Still waiting to unload. More pictures after unloading the trailer. Not much to tell other than a long trip pulling a big trailer. Future unknown for the aircraft is unknown.





## RV6A Flap Motor Replacement

Submitted by Noel Fallwell

I needed to replace the Flap Motor in my RV6. Once the motor is removed, the flaps would want to deploy to a position beyond full down, this movement could cause contact between the flap and the wing skin and could damage something. The challenge was to hold the flaps in the retracted position without damaging the paint and to also allow room to work in the area of the motor for replacement. The attached photo is of a hangar strap I used to pin the flaps in the retracted position so I could perform this preventative maintenance. The strap successful held the flaps in a fully retracted position allowing the removal of the flap motor without the need for an external brace.



# RV6A Cowl Paint Protector Bib

Submitted by Noel Fallwell

Removing the cowl on the "A" model RVs is a tight squeeze between the spinner and the nose gear leg. I have fabricated a "bib" shown in the photo out of a "shower pan liner". I found this material at a home center box store. The material is 40mil PVC Liner, manufacturer is OATEY, and comes as a 5ft x 6ft sheet.

For my bib, I cut a piece that was 20inches x 20inches. In the center, I cut out a 6 inch circular area so that it would fit around the propeller prop shaft extension on my Van's Aircraft RV-6A. Then I cut a slot between the circular opening and the edge of the bib (liner).



To use, I place the bib in the space between the front of the cowl and the back of the spinner. This allows me to remove and install the lower cowl without scratching the paint on either the front of the cowl or the back of the spinner. Photo 2 shows the bib in place prior to removing the cowl.



## FOR SALE

### CHAPTER 478 CALENDAR OF EVENTS

There will be many more events in our area this year, please forward any information you have about events you think the Chapter members want to know about.

21-Jun	EAA Chapter 478 Gathering	2W6
25-Jun	EAA Chapter 478 VMC Club and Young Eagles	2W6
21-25 June	Sentimental Journey <a href="http://www.sentimentaljourneyfly-in.com">www.sentimentaljourneyfly-in.com</a> .	Lockhaven PA (KLHV)
25-Jun	NAS Wildwood Wings and Things	Cape May NJ WWD
26-Jun	Fly-In/Drive-In 0800-1200	Ridgley WV

#### **JULY**

7-8 Jul	CAF Capital Wing Warbird Showcase	Warrenton VA HWY
8-10 Jul	Jimmy Stewart Airshow	Indiana PA
17-Jul	Lebanon Valley EAA Fly-In Breakfast	Lebanon PA
19-Jul	EAA Chapter 478 Gathering	2W6
23-Jul	EAA Chapter 478 VMC Club and Young Eagles	2W6
25-31 July	EAA AirVenture	KOSH

#### **AUGUST**

16-Aug	EAA Chapter 478 Gathering	2W6
20-Aug	EAA Chapter 478 VMC Club and Young Eagles	2W6
24-Aug	Thunder over the Boardwalk	Atlantic City NJ

#### **SEPTEMBER**

3-4 Sep	Flying Circus Airshow Weekend Grimes Airfield PA	<a href="http://www.goldenageair.org">www.goldenageair.org</a>
14-18 Sep	Reno Air Races	Reno NV
17-Sep	EAA240 Pancake Breakfast 0800-1200	Toughkenamon PA N57
19-25 Sep	Triple Tree Fly-In	Triple Tree SC
20-Sep	EAA Chapter 478 Gathering	2W6
24-Sep	EAA Chapter 478 VMC Club and Young Eagles	2W6
24-Sep	EAA 1041 Pancake Breakfast 0800-1200	Gettysburg PA W05
25-Sep	Breakfast at Sentinmental Journey	Lockhaven PA (KLHV)

#### **OCTOBER**

1-2 Oct	Warbirds Over the Beach VA Military Air Museum	VA Beach VA
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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 2021-22

Secretary: Gabriel Murray 2022-23

Treasurer: *Don Byrne 2021-22*

### Committee Chairs and Chapter Advisors

Social Chairman: *Bernie Wunder*

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 2021-22*

*Bill Englehart 2021-22*

*John Attebury 2021-22*

*Brian Link 2022-23*

*Jacqueline Link 2022-23*

### Chapter Web Address

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