



The Frederick Flyer



IN THIS ISSUE

- President's Letter 1
- Meeting Minutes 1
- RV 12 Begins 2
- Veterans Build 3
- Ray Aviation Sport Pilot. . . 4
- Chapter Meeting 5
- Presentation Slides 5
- Club Bulletin Board 6
- Meeting Minutes 6
- Vintage News 6
- Fly-in/Events of Interest . . 7
- Chapter Officers 8
- Calendar 8
- Chapter 524 Exploits 8
- EAA Webinars 9
- Chapter Information 9
- Member Application 10

President's Message

Oh, thank you. The heat of the summer is finally over and cooler temperatures are here. I know, we may still have a hot day here or there, but they should not last long and we are heading in the right direction. The right direction, in my mind, for better aircraft performance, cool evenings winging above the field and forests surrounding FDK.

In the Chapter Hangar, the Zenith 750 build is going well. The front and back of the fuselage went together a few weekends ago, and I think I heard the seat rails are going in soon. Soon it will be ready for sitting in and making airplane noises. Don't get me wrong, there is still a lot of work to do, plenty of rivets to pull, so feel free to drop by and lend a hand some Saturday.

The RV-12 project has also begun on Thursdays and Saturdays, if you would like some variety.

Thank you goes out to Neil for recently repairing the Chapter Hangar's HVAC system. Also, congratulations on retiring this year. I hope this frees up some time that you can use on your Bearhawk project.

As always, please reach out and let me know if you need some help on your project. We have a lot of talent in our Chapter and I am sure we can find someone that can lend a hand or knows the answer to a problem you are having. Also, if you would like to see the Chapter sponsor an aviation focused activity, let's talk.

Take care,
Chris
President
EAA Chapter 524

CHAPTER MEETING MINUTES

September 01, 2016



Meeting called to order at 7:08 p.m. by Chris Gunther

- Steve Gross took the first RV-10 flight on July 4. 40 hour requirement was completed on July 28. Fairings are on and has about 50 hours currently. No paint yet. When paint goes on and rough fiberglass gets put on and rest of fairings go on, it should go faster. 152 kts at 6,500 at 11 gph. Cylinder head temps were questionable at first, but have gotten more reasonable. About 18 miles per gallon as currently configured. Going to Bahamas January 26. If anyone has an interest in going and being wingman, Steve will share his itinerary. Only travel to islands without cruise ship ports of call.
- Ernie reported that the Frederick Sport Flyers got the first RV-12 kit and work has begun. Have 2 open positions if anyone is interested in building. Chapter members are welcome to help. Building on Thursday and Saturday mornings.
- Neil started poly-brushing all the control surfaces, tail feathers, and elevators and has made good progress with the lacing. Clearview has 2 50/50 raffles. One that's like ours, then there's a big money one that's \$50/ticket but limited to 40 tickets. Winner would get \$1,000.
- Mark reported that the Veterans Build Saturday 9-3 averaging 6 people every week. Forward fuse will be married to aft this weekend. Discussing engine options. He has retired his 601. It needs a good bit of work and is still deciding what to do with it.
- Kevin suggested we redesign t-shirts in a more breathable fabric with a smaller logo on the back. Let him know if you have ideas or suggestions.
- 2 scholarship recipients this year: Mia Anderson and Elijah.
- Erick Webb presented "Erick's Adventures at AOPA: Behind the Scenes at AOPA Events (and some other random stuff, too)."
- 50/50 was \$151; \$76 to the Mark Pankratz and \$75 to the scholarship fund.

Meeting adjourned at 8:24 p.m.

Submitted,
Erick Webb, Secretary



Work Begins on Frederick Sport Flyers RV12



The Frederick Sport Flyers have begun work on a new build . . . RV 12.

Sharing the space with the Veterans Build, the RV 12 build is meeting at the EAA Chapter 524 Hanger at the Frederick Municipal Airport. Drop in to lend a helping hand and spend some time with fellow aviation enthusiasts. Build meetings are held Thursdays and Saturdays, 9am to 12 noonish (leaving is hard when you are having fun).



Veterans Build Continues to Take Shape



The Veterans Build is really taking shape! If you haven't dropped in to check out the build, now is a good time!



Ray Aviation Scholarship Recipient Dimitry Madsen Sport Pilot Aug 19, 2022

A HUGE congratulations to Dimitry Madsen on earning his sport pilot license!!!!

...with only hours left before heading off to college. Dimitry- I am so incredibly proud of you and I always believed you could do it !!!! I'll even volunteer to be your first passenger! We are so thankful to the people and organizations that made this possible, starting with Young Eagles, Civil Air Patrol, and most of all, EAA, who provided the flight scholarship (if you have a kid interested in flight, make sure to check out all of those).

Woo hoo!!!! We have a pilot in the family!

Dawn Madsen.

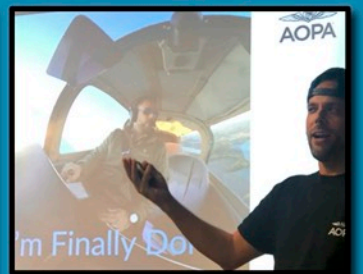
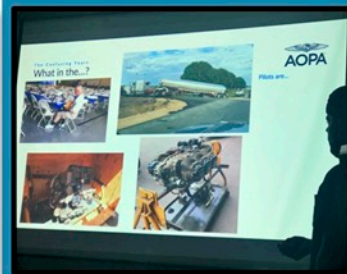
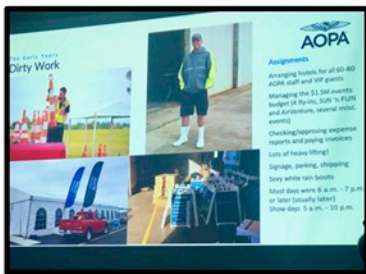
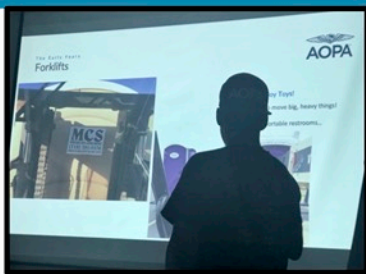
Modified excerpt taken from FaceBook Post.



2022 September Chapter Meeting



ERICK'S ADVENTURES AT AOPA - BEHIND THE SCENES AT AOPA





Club Bulletin Board



2022 Ray Aviation Scholarship \$10,000 Recipient - Mia Anderson

Mia Anderson passed her glider check ride 2022 August 06! Her father, Brent, was her first passenger. They flew out of Front Royal, VA (FRR). Congratulations, Mia!!

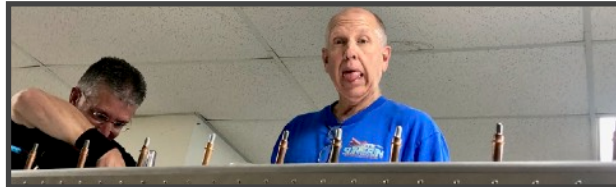
She is ready to begin her next phase of flight and EAA Chapter 524 is ready to lend their support toward her private pilot success.



SUNDAY, OCTOBER 2, 2022 AT 11 AM Celebration of Life for Stephen Van Kirk Frederick Municipal Airport

Initially scheduled to occur at :
Ensign Dean R. Van Kirk Aviation Heritage Museum; Frederick Municipal Airport, Hangar D1

I can't find any further mention of the event, not sure it is still on. If this is something you are really interested in attending, you might want to make further inquiry.



YOU ARE INVITED!!!

Bob Miller is flying the coop, flying the friendly skies, cutting loose, shipping out, getting the hell out of dodge. In more simple terms he is retiring from MNC PPC after 35 years.

Bob and his family cordially invite you to help celebrate this monumental event.

RSVP: careoseld@yahoo.com

Text or call: 240-315-5333 with last name and number attending

Date: September 24, 2022

Time: 12-5pm

Place: Middletown Park, 7628 Coblenz Road, Middletown, MD Pavilion#1 /Shelter #1

Families are welcome! Plenty of good food, drink and cake! Games will be available, including corn hole, horse shoes and bocce.

No need for gifts . . . your presence is gift enough.

DIRECTIONS:

- + Take Hwy 70 West
- + Exit 49 Middletown/Braddock Heights
- + Turn left onto Alternate 40; heading West
- + Travel up the hill and down into the valley
- + Go through 3 traffic lights, turn right onto Coblenz Road; it will be the first right after SAFEWAY.
- + Continue straight, there will be 1 STOP sign (if GPS gets you this far)
- + The park is on the left; turn left, proceed around pond to two parking lots
- + Pavilion #1 is between a ball field and playground. There is another event at Pavilion #2 (so there may be lots of cars). If there is no room, turn left directly after Shelter #3/car lot, park in school parking lot.



2022 EAA Chapter 524 Scholarship \$3,000 Recipient - Elijah Fleischer

*** ENGINE OPERATION *** AVIATION HISTORY *** AIRCRAFT CONSTRUCTION *** MAINTENANCE ***

*** ATTENTION AVIATION ENTHUSIASTS ***
YOU'RE INVITED TO ATTEND THE MONTHLY MEETING OF THE

EAA
THE SPIRIT OF AVIATION

EXPERIMENTAL AIRCRAFT ASSOCIATION CHAPTER 524

WHEN: FIRST THURSDAY OF EACH MONTH, 7:00 P.M.
WHERE: AVIATION EDUCATION CENTER
(HANGAR SOUTH OF THE FREDERICK FLIGHT CENTER AT FDK)

NEXT REGULAR MEETING OCTOBER 6TH
SPEAKER: GERALD BLAKE

"THE LIVES AND TIMES OF CHARLES AND ANNE MORROW LINBERGH"

OUR RESIDENT HISTORIAN WILL ONCE AGAIN SHARE HIS KNOWLEDGE; THIS TIME ON AN AMERICAN AVIATION ICON. GERRY HAS DONE EXTENSIVE RESEARCH ON THE LINBERGHS AND WILL GIVE US ALL THE DETAILS OF THEIR FASCINATING STORY.

*** MODELING *** SAFETY *** YOUNG AND OLD EAGLES ***

VINTAGE NEWS

12 June 1922

Thank you This Day in Aviation

... The Martin GMB (also referred to as the Martin MB-1) was a twin-engine biplane designed as a reconnaissance airplane with a secondary role as a bomber. It had a crew of three. The bomber entered service in 1918 and was the first U.S.-built bomber to enter production.

The GMB was 44 feet, 10 inches (13.665 meters) long with a wingspan of 71 feet, 5 inches (21.768 meters) and height of 14 feet, 7 inches (4.445 meters). The airplane had an empty weight of 6,702 pounds (3,040 kilograms) and a gross weight of 10,225 pounds (4,638 kilograms).

The bomber was powered by two water-cooled, normally-aspirated, 1,649.336-cubic-inch-displacement (27.028 liter) Liberty L-12 single overhead cam (SOHC) 45° V-12 engine with a compression ratio of 5.4:1. The Liberty produced 408 horsepower at 1,800 r.p.m. The L-12 as a right-hand tractor, direct-drive engine. It turned a two-bladed fixed-pitch wooden propeller. The Liberty 12 was 5 feet, 7.375 inches (1.711 meters) long, 2 feet, 3.0 inches (0.686 meters) wide, and 3 feet, 5.5 inches (1.054 meters) high. It weighed 844 pounds (383 kilograms). The engines on Stevens' airplane were supercharged to increase its altitude capability.

The GMB had a cruise speed of 92 miles per hour (148 kilometers per hour) and maximum speed of 105 miles per hour (169 kilometers per hour) at Sea Level. Its service ceiling was 10,300 feet (3,140 meters). Range for the standard airplane was 390 miles (628 kilometers).

Twenty-two GMBs were built by the Glenn L. Martin Company.



Photos by Low Fuchs - www.poldenair.com/2011/02/22/1922-06-12-the-martin-gmb/

Thank you Glenn L. Martin Maryland Aviation Museum

Martin MB-1 or Glenn Martin Bomber Video

Jul 4, 2007

The Martin MB-1 or Glenn Martin Bomber (GMB) was the first U.S. - designed bomber procured by the U.S. Army in quantity in the World War I era. The U.S. Army had previously purchased the English Handley-Page O/400 and Italian Caproni designs for construction by U.S. builders with Liberty 12-A engines in place of the original engines. The Martin GMB was first flown on Aug. 15, 1918, and nine of the 10 aircraft ordered were completed before the end of WWI.

The MB-1's primary mission was as a reconnaissance scout plane for supporting ground forces with a secondary mission as a bomber. When WWI ended, U.S. bomber production was halted and no bombers were built until the MB-2 was purchased in 1920.

... click on title for full article.

Martin MB-1

Fly-In/Events of Interest

Joint Base Andrews Air Show

September 16 - 18, 2022
 • Camp Springs, MD - (26 nm)
 • Joint Base Andrews Airport (KADW)
click on title and follow the link

Open Airplane Day

October 01, 2022
 • Hagerstown Aviation Museum, MD - (42 nm)
 • Hagerstown Airport (KHGR)
click on title and follow the link

11th Lancaster Hot Air Balloon Festival

September 16 - 18, 2022
 • Bird-in-hand, PA
click on title and follow the link

Warbirds Over the Beach

October 01 - 02, 2022
 • Virginia Beach, VA - (159 nm)
 • Military Aviation Museum
click on title and follow the link

Oceana NAS Air Show

September 17 & 18, 2022
 • Virginia Beach, VA - (151 nm)
 • Oceana NAS (KNTU)
click on title and follow the link

Culpeper Air Fest

October 08, 2022
 • Culpeper, VA - (50 nm)
 • Culpeper Airport (KCJR)
click on title and follow the link

Leesburg Airshow

September 24, 2022
 • Leesburg, VA - (19nm)
 • Leesburg Airport (KJYO)
click on title and follow the link

Golden Age Museum Fly-in

October 22 - 23, 2022
 • Bethel, PA - (92 nm)
 • Grimes Airport (8N1)
click on title and follow the link

Come have some fun at the Second Annual

OKTOBERFEST WINGS & WHEELS!

Lovettsville Vintage Aerodrome **VA61** www.vintageaerodrome.com
 12582 Lutheran Church Rd. Lovettsville, VA 20180



Saturday September 24, 2022 10am to 4pm

Aircraft, Cars and Motorcycles of all types welcome!
 3000-foot grass air strip and acres of mown fields to park in.
 Landing procedures on website

Vintage Bi-Plane Rides by the **Flying Circus!**

The **Lovettsville/Waterford Ruritans** will be selling Food and Beverages all day!

Live Music by **Fast Eddie and Friends** - Noon to 4pm

Local and Event specific Vendors!

And **MORE...** We will update the website as time goes on!



All Pictures from Wings and Wheels 2021

[Website](#)

Capital Area Light Flyers Club
 September 18th Fly-In sponsored by:
 EAA UL 20 - chapters.eaa.org/u120

[Facebook](#)

Location: Shoestring Airfield [0P2] <https://skyvector.com/airport/0P2/Shoestring-Aviation-Airfield-Airport>
Date: Saturday, September 18th, 2021.

Time: On Saturday, from 10 am until 4 pm. Come early if you'd like. Eating starts around Noon.

Food: Culinary delights from Chef Pete Stern, Potluck, and the usual Burgers, Dogs and soft drinks.

Food: Please contribute a dish or side dish if you are driving in. Donations welcome to defray costs.

Contact: If you have any questions, please call CALF President Ted Forman's cell at 413-821-9192

If you are driving in: The street address is 14388 Ebaugh Rd, Stewartstown, PA 17363. It is not far from the first exit off of US 83 as you enter Pennsylvania. The best way to find it is to use Google Maps at [this link](#).

If you are flying in: Lookup all of the airport details on Skyvector.com at [this link](#). Use CTAF 122.900 to announce yourself in the pattern and ask for preferred runway. Note airport proximity to Mode C Vcl.

• Runway 15 is a right hand pattern! Runway 33 is a left hand pattern.

• Watch out for PPG aircraft around the airfield! PPG Pilots stay East (Right) of runway 15/33. Fixed wing pilots stay West (Left) of runway 15/33.

• Watch out for recent ruts (from free trucks) on the left and right sides of runway 15/33 near the North end hanger. The center of the runway was not disturbed.

• Avoid back-taxing on runway. Shoestring has a taxiway on the East side of 15/33. See airport diagram.

• See attached PDI or click on [this link](#) to see the airport layout and Flying Chart. Take a look at it before you fly in.

[0P2] Shoestring Airport Layout for Fly-In



EAA Chapter 36 Poker Run
 Sat. Oct 15th (primary)
 8:00 am - 4:00 pm
 Rain Date(s):
 Each weekend date through 10/30
 Email: ea36khgr@gmail.com for info updates

The Frederick Flyer

8th Annual Harvest Festival Fly-in
 at Shannon Airport keef
SATURDAY 29 OCTOBER
 MAKEUP DATE SUNDAY, OCTOBER 30
GATES OPEN 10AM-4PM GA \$10 KIDS (4-12) \$5 3 & UNDER FREE
 OVERFLOW PARKING AT THE FREDERICKSBURG FAIRGROUNDS
CANDY DROPS
 AT 12PM & 2PM FOR AGES 12 & UNDER
TRICK-OR-TREAT AVIATION STYLE
 PILOTS BRING CANDY & KIDS WEAR COSTUMES!
 DISPLAY AIRCRAFT | SHANNON AIR MUSEUM
 FOOD TRUCKS | ACTIVITIES FOR KIDS | VENDORS
 AIRPLANE & HELICOPTER RIDES AVAILABLE FOR PURCHASE

All event proceeds will support the Shannon Air Museum, a 501(C)3 non-profit organization. Tickets are non-refundable. For questions, vendor inquiries and sponsorship opportunities, email info@shannonair.org or call 540-373-4431. For event updates, visit our Facebook page @ShannonAirportFredericksburg 3380 Shannon Airport Circle Fredericksburg, VA 22408



SCAN HERE TO PURCHASE TICKETS, FAMILY PACKAGES, AND SPONSORSHIPS!

[Facebook](#)

[Website](#)





Upcoming Events

Chapter Meetings

Meeting date & time: October 06, 2022; 7 pm

Presentation: by Gerald Blake on "The Lives and Times of Charles and Anne Morrow Lindburgh"

Board Zoom Meeting: October 13, 2022; 7 pm.

VMC Club Meeting: Sept 19 and Oct 17, 2022 at 7pm

A hybrid meeting (at the Hangar and Zoom) is a success! More ways to join in. Visit [Event Calendar page](#) or reach out to the VMC coordinator (email listed on the right hand column)

IMC Club Meeting: Sept 20 and Oct 18, 2022; at 7pm

IMC meetings will be held in person at the Chapter Aviation Education Center/ Hangar, unless otherwise notified. For up to the minute clarification on meeting status, visit [Event Calendar page](#) or reach out to the IMC coordinator (email listed on the right hand column).

Visit [IMC Club meeting page](#) and [VMC meeting page](#) form more information.

Other Events

Go to EAA Events at: <http://www.eaa.org/news>

Go to EAA Aviation Calendar of Events at:

<http://www.eaa.org/calendar>

Go to AirVenture at:

<http://www.airventure.org/index.html>

<https://www.eaatogether.org/>

Go to EAA SportAir Workshops at:

<http://www.eaa.org/sportair>

Chapter Monthly Meeting Program Schedule

Month	Program
Sept	ERICK'S ADVENTURES AT AOPA - BEHIND THE SCENES AT AOPA
Oct	Gerald Blake: "The Lives and Times of Charles and Anne Morrow Lindburgh"
Nov	TBD

CHAPTER OFFICERS

- ★ **President**
Chris Gunther
EAA524.President@gmail.com
- ★ **Vice President**
Mark Pankratz
mlp07@live.com
- ★ **Secretary**
Erick Webb
erickwebb1@gmail.com
- ★ **Treasurer**
Ernie O'Roark
cadfael1@aol.com
- ★ **IMC Club Coordinator**
Larry Jarkey
cfii@xecu.net
- ★ **VMC Club Coordinator**
Tom Comeau
tom.comeau@gmail.com
- ★ **Newsletter & Web Editor**
Mary Ann Alvarado
EAA524.News@gmail.com
- ★ **Facebook Editor**
Erick Webb
erickwebb1@gmail.com
- ★ **SportAir Workshop Coordinator**
Rex Bullinger
rexbull@gmail.com
- ★ **Chapter Historian**
Joe Halleman
jmhalleman@comcast.net
- ★ **Chapter Coordinator**
Mark Gosselin
n511jg@gmail.com
- ★ **Program Coordinator**
Mark Pankratz
mlp07@live.com
- ★ **Young Eagles Coordinator**
Mark Pankratz
mlp07@live.com
- ★ **EAA Flight Advisors**
Vacant
- ★ **EAA Technical Counselors**
Jerry Blake
wpr4360@comcast.net
Mark Pankratz
mlp07@live.com
Steve Gross
SGross@minkoff.com





FREE EAA Webinars

EAA webinars are free to all aviation enthusiasts. Pre-registration is recommended since space is limited to the first 1,000 registrants.

<https://www.eaa.org/ea/news-and-publications/ea-webinars>

Live multimedia presentations, informative and interactive, allow presenter to use slides and audio. Audience members can ask questions or polled for opinion. Webinars begin 7pm CDT.

- 09/21/22 FAA Enforcement Process *
- 09/28/22 Flying with Datalink Weather-ADS-B & Sirius XM Tips *
- 10/05/22 On a Short Leash - Maintenance Costs **
- 10/11/22 The Treasures of Pioneer Airport, Part 2
- 10/12/22 Oil Changes as a Diagnostic of Engine Health **
- 10/13/22 Tax Exempt Basics
- 10/19/22 When the Engine Goes Silent *
- 10/25/22 Guidance for Using Young Eagles Online Registration and Digital Signature
- 10/26/22 Avoiding Loss of Control *
- 11/08/22 Past Aircraft of the Collection
- 11/16/22 ForeFlight IFR Pro Tips *
- 11/22/22 Flying the World's Fastest Airplane, the SR-71
- 11/29/22 Hosting a Young Eagles Rally - Advanced Best Practices

* Qualifies for FAA WINGS credit

** Qualifies for FAA WINGS and AMT credit

*** HOMEBUILDERS WEBINAR SERIES

Frederick VMC Club

IMC Club meets: third Monday of each month, 7:00 p.m.

Location: Chapter 524 Aviation Education Center/Hangar, Frederick Municipal Airport

EAA 524's VMC Club is primarily oriented toward VFR pilots of all experience levels and has been a huge success!

The VMC Club meets on the third Monday of each month, the day before the IMC Club meets. The VMC Club offers monthly meetings in which pilots can network and share knowledge and experience. The meetings use real-world scenarios to engage members, and allow a free exchange of information that improves awareness and skills.

The VMC Club is meeting in person at the hangar and offering hybrid opinions using Zoom.

More information about the club and its mission can be found on our website at <https://chapters.eaa.org/ea524/vmc-club>



Frederick IMC Club

IMC Club meets: third Tuesday of each month, 7:00 p.m.

Location: Chapter 524 Aviation Education Center/Hangar, Frederick Municipal Airport

Interested in learning more about IFR flying? Scenario-based discussions are available here.

A community of pilots willing to share information, provide recognition, foster communications, promote safety, and build proficiency in instrument flying. IMC Club chapters offer monthly meetings in which pilots can network and share knowledge and experiences. Now meeting in person at the hangar. Drop by and share in the knowledge.

More information about the club and its mission can be found on our website at <https://chapters.eaa.org/ea524/imc-club>



FAA Wings Program

- WINGS PROGRAM 2019
- WINGS EFFECTIVENESS REPORT 2011
- WINGS FLIGHT INSTRUCTOR GUIDE 2018
- WINGS ADVISORY CIRCULAR 2011

**Clear skies, safe travel, be happy
and see you all soon!**

Chapter Meeting Location & Time

Chapter 524 meets: first Thursday each month, 7:00 p.m.

Location: Chapter 524 Education Center/Hangar, Frederick Municipal Airport

As you enter the airport, park in the Terminal Parking lot. Walk south past the Frederick Flight School (yellow building). There are signs on the end of the second row of hangars for the Chapter. Additional information can be found on the Chapter website: <https://chapters.eaa.org/ea524>

Frederick Municipal Airport ,
330 Aviation Way, Suite J, Box #9
Frederick, Maryland 21701



EAA 524 Chapter Website

The EAA Chapter 524 website: <https://chapters.eaa.org/ea524>

The website has contact information and details about current Chapter events.

Also on the website, you can find archived newsletters and a membership join/renewal form.

Chapter Facebook Page

You can find us on Facebook at: www.facebook.com/EAA524



EAA Chapter 524 Membership Application

Annual dues are \$30 for individual or family membership. Fill out this form and return it with your dues to the Chapter Treasurer.

Cash or check accepted. Make check payable to **EAA Chapter 524**. Bring the form and dues to the next meeting or mail to **Ernest O'Roark, 809 London Court, Frederick, MD 21701**.

If you have a question about your membership, contact the Treasurer at 301-694-0053 or cadfael1@aol.com. These dues help support the Chapter and are not applied to the national organization.

I. Registration Information (Print please)

Last Name _____ First Name _____

Member Status: New ____ Renewal: _____ No Changes: _____

Membership Type: Individual (\$30.00) _____ Family (\$30.00) _____

Other name(s) if Family Membership _____

EAA Membership Number _____ Member Since: _____

Phone Number (H) _____ (C) _____ (W) _____

Address _____

City _____ State _____ Zip _____

E-mail Address (for receiving notices & newsletter) _____

Aircraft/Projects/Interests _____

II. For Official Use Only

Status: New ____ Renewal ____ Individual: ____ Family: ____

Dues Paid: Check ____ Number _____ Cash ____ Amount \$ _____

Date Received ____/____/____ Fiscal Year (Jan. – Dec.) 20 ____

Treasurer's Initials _____ Roster updated ____/____/____ Deposited ____/____/____

----- Cut here. Keep Section III for your records -----

III. Member's Receipt for EAA Chapter 524 Dues

Date paid ____/____/____ Dues paid for fiscal year 20____

Renewal – Individual/Family Membership Dues: \$30.00_____

New – Individual/Family Membership Dues: \$30.00_____