

The Frederick Flyer

President's Message

Greetings, EAA Chapter 524 Members and Friends,

I am looking forward to the Chapter activities and other events at the Frederick Airport over the next few months and the opportunities for our Chapter members to be involved to help spread the message about aviation.

When I first joined EAA and the Hartford Connecticut EAA Chapter 166, it was overwhelming for me. I didn't think I had anything to offer. After all, these people had built their own airplanes (some multiple). Some were CFIs and A&Ps, some were engineers at Pratt & Whitney—and here I was, not even a student pilot! At that time, my two children and I were building and flying hand-launched gliders in events with our model airplane club. The members in our EAA Chapter were more than willing to share their knowledge with me. They showed me (and my kids when they joined me) how to marshal airplanes, set up and help with workshops, and help with other various projects. This process lifted us up from newbies to actual members of the club who did have something to offer and the ability to help with our Chapter.

I think we are doing the same at our Chapter. Everyone should feel welcome. If you don't, talk to one of our members. Ask if there is a way you can help. Tell us about your interests and ask questions. We will be happy to talk to you about aviation. Believe me when I say we'll find something for you to do!

Speaking of things to do, the Board members and I have been actively looking for a Chapter project for over a year and, thanks to the Sport Flyers, our Chapter now has the Cub restoration project underway! I encourage everyone to get involved in any way you can. So much goes into a project like this. Some has nothing to do with aviation—such as building shipping boxes, sweeping floors, or moving parts to storage and back. It can be very rewarding to participate in a venture like this. Just think of the day the plane is complete and ready to fly - the opportunity it will present to someone to be able to afford to fly and the education we all will benefit from. What a gift for all involved!

I would like to extend a thank you to all of our Chapter members for helping make this another successful year!

Wishing you clear skies,

Mark Gosselin
EAA Chapter 524 President

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May Program Review

Our program for the May meeting was actually the kickoff of the J-3 Cub restoration project. Those arriving for the meeting were treated to the sight of a new addition to the hangar—the Cub’s fuselage in one corner and its dismantled engine in another. Ernie O’Roark began the presentation with an interesting and humorous recounting of the aircraft’s history. Ernie showed lots of slides of the first restoration he did after he bought the airplane back in the ‘70s. Now he, along with the rest of the Frederick Sport Flyers club and any interested Chapter members, will get the opportunity to do it all over again!



Jerry Blake then took over and outlined how he expects the restoration to progress. The very first work session



was scheduled for the Saturday after the meeting. That was followed by a second session on May 11th. Both sessions were well attended and produced a lot of progress. If you are unable to participate, you can follow the progress on our [website](#) and [Facebook](#) page. If this is the first you’ve heard of the project, you can read all of the details, including how to participate, in last month’s [newsletter](#).

June Program Preview

Neal Lanning of Advanced Helicopter Concepts will present "An Introduction to Helicopters." For any of you who have wondered about helicopters or possibly contemplated learning to fly them, come and get all your questions answered. Neal is both a CFI and a Designated Pilot Examiner.





Membership Meeting Minutes

05 May 2016

Meeting brought to order at 7:03 p.m. by Mark Pankratz

Treasurer's Report accepted as read

March/April Income:	\$620
March/April Expense:	\$3055.41
Balance:	\$8,814.93

Secretary's Report accepted as read

Mark P. went shopping at SUN 'n FUN for gear for his RV-7, including prop, parachutes, ELT, harness, etc.

Jerry told about the mysterious radio noise in the Zodiac 601. He was advised to change the generator, then after a couple flights noticed the voltage regulator was erratic, so he changed that, as well. When he went flying again, he heard a loud snap and the left rudder pedal went to the floor. The torque tube for the left rudder pedal was attached to a bearing bracket with just 2 rivets and they had sheared. Jerry will replace them with bolts.

Guests were:

- Jeannie (guest of Rex & Sharon and co-conspirator in the production of tonight's dessert)
- Dave (neighbor of Dean Stickell) who has an RV-8 and is the Chapter's newest member

Electric workshop will be held June 4/5 and fabric covering workshop will be held June 25/26.

Ford Tri-Motor is coming June 13-15 and volunteers will be needed. Duties include: Ground ops (leader), pre-flight briefer, ticket taker, door opener/usher. There will be 5 shifts: Monday pm, Tuesday am/pm, and Wednesday am/pm. The pilots/crew will need a car to use while in town. If anyone has a car, or knows of one, that they're willing to donate to the crew, please inform one of the Board members. The Chapter needs two 10x10 pop-up tents to use for the event. Signature has agreed to take \$1 off/gallon of AvGas. The Tri-Motor will tentatively arrive Monday p.m. and depart Thursday a.m.

Mark G. mentioned to Mark P. that he wanted to repaint the hangar. He's waiting to hear from airport management before coordinating that.

Jerry and Ernie did a "show and tell" on the Frederick Sport Flyers' newly (re)acquired J-3 Cub. Volunteers are welcome to stop by and help out. Dates will be made known on the Chapter Facebook page and on the Chapter webpage.

Meeting concluded at 8:35 p.m.

Submitted,

Erick Webb, Secretary



Board Meeting Minutes

12 May 2016

Meeting brought to order at 7:01 p.m. by Mark Gosselin.

Present were Mark Gosselin, Jack Fromm, Doug Kelly, Ernie O’Roark, Joe Halleman, Rex Bullinger, Erick Webb.

Ford Tri-Motor update – They are still coming. Two people arriving Sunday, June 14. Hotel booked Sunday – Thursday morning. \$109.00 per night at FDK Holiday Inn. COIs were issued today and are in order. Plane will be stored in the AOPA NACC. Port-O-Let reserved Monday – Thursday. Erick is checking on 2 pop-up tents. Volunteers are sufficient. Mark is working on taxi diagram with airport manager and for the Tri-Motor’s flightpath (to comply with noise abatement and avoid sensitive areas). Mark P. checking on lunch donation from Canapés. Ernie received check for \$250 from event donor. Signature is giving \$1 off per gallon of AvGas. Fifteen pre-registered ride tickets so far.

Joe going to send email to EAA Chapters in the area to generate more interest.

Steve Southworth will go along on the media flight on the Tri-Motor.

Mark proposed that we use 50/50 proceeds to be earmarked for scholarship money for a young, upcoming aviator and would like to get a review board of at least 3 people to help choose a recipient each year or every other year. The Ninety-Nines offered to add some of their scholarship money as well. This was unanimously approved by the board.

Ernie reported that we currently have 39 paid members. Cub engine completely disassembled. Jerry and Mike built a crate for crankshaft for shipping. Mike will make a similar crate for crank case. The fuselage tear-down began. Boot cowl, instrument panel, fuel tank have been removed. Meeting next Wednesday to continue work on fuselage and packing up the engine.

Mark G. suggested replacing all 10 ballasts (at \$20 each) in Chapter hangar.

Rex has names of instructors for workshops, but hasn’t heard back since. He’s expecting it’ll be another week until we hear from Mark Forss about when he’s shipping the box, etc. for Electrical Workshop, etc. He expected the brochures to have arrived by now, so he will contact Mark F. about that information. Jack will work with Rex to create an electronic signup sheet for volunteers for both workshops.

Mark G. suggested August 20 as the picnic date and August 27 as a rain date for the Chapter picnic.

Meeting adjourned at 7:42 p.m.

Submitted,

Erick Webb, Secretary



EAA Dynon STC

Charlie Becker, Director of Chapters, Communities and Homebuilt Community Manager, sent the following article to all Chapter newsletter editors and asked us to make sure all of our members heard about this exciting development. [Ed.]

EAA Partners with FAA, Dynon for STC Breakthrough to Upgrade Safety, Reduce Costs for Aircraft Owners

EAA, in partnership with Dynon Avionics and the FAA, has been awarded a Supplemental Type Certificate (STC) to install Dynon's EFIS-D10A in certain standard category aircraft. This breakthrough STC enables the inexpensive, but very capable, avionics that have served the experimental and light-sport worlds for decades to finally have a pathway into the type-certificated market. The Dynon system is a direct replacement for a vacuum-driven attitude indicator, and the STC currently applies to the Cessna 150, 152, and 172 series and the Piper PA-28 and PA-38 series. More aircraft are expected to be added soon.

EAA worked extensively with the FAA and Dynon to show compliance with regulations and develop a new certification pathway for safety-enhancing equipment. The long track record of the D10A product line and its conformity to a variety of industry standards helped it



become the first device accepted by the FAA in this pioneering effort. In addition to Dynon's proven reliability, the unit delivers a wealth of information to the pilot and even has an integrated angle of attack feature (with the installation of an optional probe). EAA installed the D10A in its 1976 Cessna 172M and submitted to a series of flight tests with an FAA test pilot, which went flawlessly.

EAA intends to begin selling the STC as soon as possible, hopefully later this spring, at a nominal price point in line with its existing autofuel STC. In addition to the D10A, more products are actively being explored as EAA is willing to work with other manufacturers to bring down costs and reduce barriers to recreational flying. Stay tuned for more details!



Upcoming Events

Chapter Meetings

June 2, 2016 @ 7:00 p.m. — Membership Meeting

June 9, 2016 @ 7:00 p.m. — Board Meeting

Other Events

June 13-15 — Ford Tri-Motor Tour Stop at FDK

Chapter Program Schedule — 2016

Month	Program
January	Propeller Considerations— Mark Pankratz
February	An Intro to ForeFlight — Kelby Ferwerda
March	Banquet — OTC Medications and Psychoactive Substances Dr. Chris Lang
April	Development of the HondaJet — Dan Morris
May	Cub Restoration — Ernie O'Roark
June	An Introduction to Helicopters — Neal Lanning
July	No Meeting
August	TBD
September	TBD
October	TBD
November	TBD
December	TBD

Refreshment Volunteers — 2016

Here is a list of volunteers supplying refreshments for 2016. The Board of Directors thanks you for your support (and munchies).

January	Jack Fromm	July	N/A
February	Dean Stickell	August	Joe Halleman
March	N/A	September	Ernie O'Roark
April	TBD	October	Mark Pankratz
May	Rex Bullinger	November	Jason Schultz
June	Mark Gosselin	December	Erick Webb

Chapter Officers

President

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Vacant

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Vacant

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301-963-2217

Tom Young
301-667-0964



Workshops

EAA SportAir Workshops at the AEC

Electrical Workshop: June 4-5, 2016

Fabric Covering Workshop: June 25-26, 2016

EAA 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>

Go to EAA SportAir Workshops at: <http://www.eaa.org/sportair>

Chapter Website

The EAA Chapter 524 website can be found at: www.524.eaachapter.org.

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

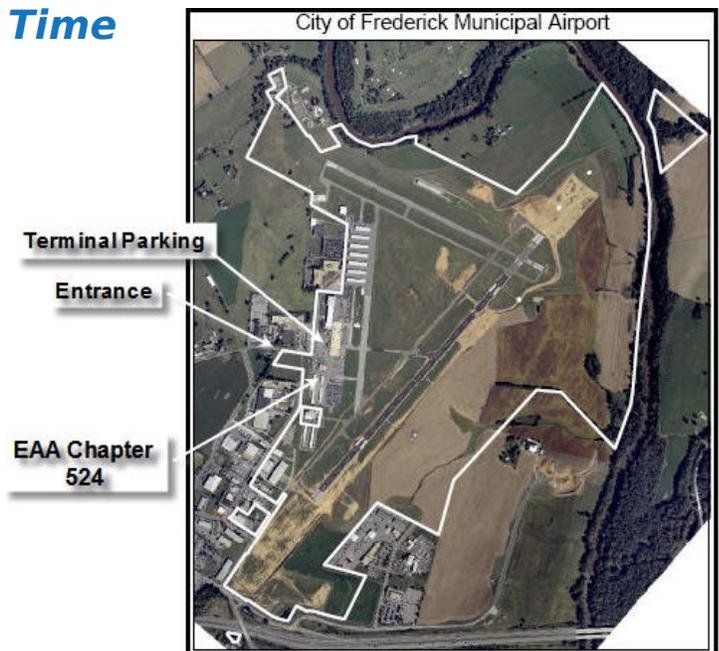
You can find us on Facebook at: www.facebook.com/EAA524

Chapter Meeting Location and Time

Chapter 524 meets the first Thursday of each month at 7:00 p.m. at the Aviation Education Center, located at the 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.



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



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 ____/____/____

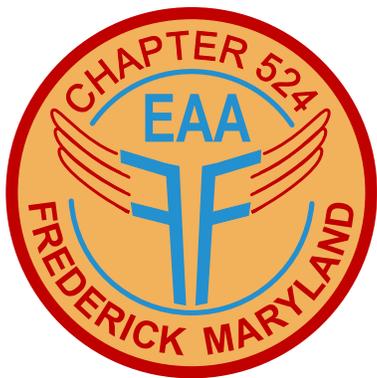
----- Cut here. Keep Section III for your records -----

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_____



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