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The Frederick Flyer

President's Message

Greetings, EAA Chapter 524 members and friends,



I recently saw this patch on one of our Chapter members' jackets. When I asked him where he had gotten it, he told me it was the Chapter patch from long ago. He went on to say that when anyone joined they received one to wear on a jacket. I wonder what happened to drift away from that tradition? I

would venture to say that there is a story behind it and there is someone in the Chapter who would like to share it at our next meeting. I for one would like to see this logo make a comeback. I would like to see it on our Chapter shirts and hats. It would be nice to be recognized on the airport when we volunteer for the special events or when we go off to other airport events. It's a good way to show unity and enthusiasm! Your feedback is welcome. I would like to hear what you think at our next meeting.

Our Chapter picnic was a great success. We had about 35 people attend. The day was beautiful, with plenty of sunshine, light winds and good food and drink for everyone. We even had a surprise visit from a gentleman who flew his T-28 Navy trainer from just outside of Philly. What a sight to see and hear that round engine in the FDK pattern!

I would like to extend an invitation to everyone to come and help out with the June 7th Learn to Fly Day. We will need help marshaling airplanes and some help with food for our members that are out in the sun all day on the tarmac. Whether you help for one hour or all day or just come out for moral support, you are welcome. I have heard many wonderful comments from AOPA,

Continued on next page



from pilots who have flown in for the event in the past and from other members of the aviation community.

Thank you in advance for all your help and good work—we truly make a difference!

I look forward to seeing you at our next Chapter meeting on June 5th.

Wishing you clear skies,

Mark Gosselin
Your Chapter President

June Program Details

Neil Dickinson and Doug Kelly have collaborated to line up another very different and very interesting-sounding program for the June meeting. The background is that Neil Dickinson heard from one of his Clearview airport buddies about a Czech Republic Air Force general who had a great story to tell. His name is Jiri Vernver and he is a former MiG-21 pilot and chief of staff of the Czech Air Force. He is currently the Defense Attaché for the Czech Republic to the U.S. Neil put Doug in touch with him and he has agreed to tell us the story at our next meeting. The program is entitled: *The New Czech Air Force: Its Current Status and How We Got There*. Don't miss it!



SPECIALWINGS.COM
AMAZING AIRCRAFT LIVERIES

May Membership Meeting Minutes

Meeting brought to order at 7:40 pm by Mark Gosselin

No progress reports were given

Guests: Bill DeHaven; working on a Cessna Bobcat restoration

Lori Peters spoke about Think Global Flight and mentioned that Captain Jane is coming to Frederick Airport May 14 at noon, and Walkersville Elementary at 1 pm; May 22 is “Rocket Night” at Walkersville Elementary from 5:30 pm – 7:30 pm

Rodney Martz updated the Chapter about the FCC Hangar: AOPA secured a 10-year lease with a scheduled grand opening on July 1

June 7 is learn to fly day – marshaling help will be needed

Treasurer's report:

March Income:	\$1,466.00	April Income:	\$50.00
March Expenses:	\$1,656.45	April Expenses:	\$334.27
March Balance:	\$7,036.42	April Balance:	\$6,802.15

Treasurer's report accepted as read



Mark mentioned the 501(c)3 is progressing well

Doug Kelley mentioned the Electrical Workshop for May 17 has been canceled; June and August workshops will be as scheduled

Joe Halleman mentioned an article regarding a playground to be built at the airport to help get kids interested and involved in aviation

Rick Johnson has been hired as the Airport Manager

Thomas de la Vega was mentioned as our newest member

Mark still needs pictures of planes and projects, preferably with a blurb about the history of the plane and name of the owner(s). Email photos to Mark, or bring in an 8x10 photo

Tom Crone introduced speakers for tonight: Malcolm and Steve Van Kirk, and Dick Kanode; program entitled "Restoration the Lenape Papoose-Powered J3-P Cub NX20280"

Meeting adjourned at 8:50 pm

Submitted,

Erick Webb, Secretary

May Board Meeting Minutes

Mark Gosselin called the meeting to order at 7:10. Present were: Mark Gosselin, Doug Kelly, Joe Halleman, Jack Fromm and Bill Barci.

Mark mentioned that the newest and youngest Chapter member, Thomas de la Vega, is looking for an aviation-related Eagle Scout project and that he, Mark, had spoken to airport manager Rick Johnson about ideas for the project. Rick was very enthusiastic about it and asked Mark to let him know what he came up with.

The 501(c)3 non-profit application is proceeding well. One of the items we need to resolve is a permanent mailing address for the Chapter. Ernie O'Roark is looking into either obtaining an address on the airport that we can use or renting a post office box.

Mark was able to obtain an 8-foot, retractable projection screen from his employer. He has already hung it in a position suitable for Chapter meetings but is easily movable to the north wall for workshops.

Mark obtained a Chapter patch from the Crones and again brought up that he would like to get some of these made so that we can present them to current and new Chapter members. He would also like to look into getting some T-shirts made with that logo. All the Board members were in favor and Mark will present the idea to the Chapter for a vote at the next meeting.

A vote was taken on moving the membership meeting time up one half hour to 7:00 p.m. so that people with long drives could get home at a more reasonable hour. It passed unanimously and will take effect beginning with the August meeting. Notifications will be given in the newsletter and on the Chapter website.

Doug Kelly reminded us that the May Electrical workshop had been canceled but that the June 21-22 Fabric Covering workshop was still on. Doug also confirmed that the program for the June meeting will be "The New Czech Air Force: Its Current Status and How We Got There" presented by a retired Czech Air Force brigadier general. The August program will be Part II of Jerry Blake's "Charles and Anne Morrow Lindbergh: Their Lives and Times".



Joe Halleman said he would like to rent the Chapter hangar for final assembly of his Challenger project probably starting some time after the June workshop.

The meeting was adjourned at 8:35.

Submitted by Jack Fromm for Erick Webb, Secretary.

Chapter Picnic

The weather on Saturday morning, April 26 was beautiful so it promised to be a good one for a picnic. Things got even better when Mark got an unexpected call from a pilot who said he saw on the internet that we were having a picnic and asked if he could come in his North American T-28-C. Needless to say, Mark told him to "come on down". Owners Tom Passalacqua and Joe Shepis from Brandywine, PA arrived early and parked in front of the hangar, so the picnickers got a pleasant surprise as they arrived. While Mark got the grill fired up, folks got to take a good look at the warbird and hear all about it from Tom and Joe.

Some of the background on the aircraft... They purchased it in 1986 when one of the last batches of this trainer was offered for sale from the Davis-Monthan boneyard. Joe said it was in great condition and they left it pretty much stock, including the Navy radios. Some of the work they



did do was: a new engine and prop, control cables, and paint. The original brakes were notoriously weak so they installed brakes off of a King Air. If you're curious about the airplane's performance, as I was, Joe said economy cruise is around 170 kts at 50 gph. Max cruise pushes 300 kts at 155 gph! Most of the other number are almost exactly the same as a King Air C-90. Our Mark Pankratz was there and he has a few hours in a T-28 from his Navy training days so he had a good time reminiscing and comparing notes with Tom and Joe.



We had a nice turnout of members and guests and the Trojan attracted some passers by. The buffet table was overflowing with tasty dishes and we got to enjoy our lunch with the T-28 as a backdrop. After the repast, Jerry Blake conducted an impromptu Young Eagles flight with Neil Wright's grandson. After a thoroughly enjoyable time, we got to watch Tom and Joe's startup and departure. It doesn't get much better than that.

[More pictures](#) and a [short video](#) of the T-28 departure can be viewed on our website.



Lori Peters gave a brief overview of the Think Global Flight program at the May meeting. She passed around the flyer that appears below, which gives more information about the program. Ernie O'Roark and Jerry Blake have already begun helping out with the project. Here is Ernie's description: "In support of this effort our Chapter is offering some monthly hands-on live sessions just prior to our regular meetings. In our first session [in April] we discussed some goals for the program and Jerry used Frederick Sport Flyer's 601XL to give Izzy an entertaining introduction to the parts and operation of a light aircraft."



Think Global Flight

Kids Aviation and Aeronautics Club

Let's go flying with Captain Judy on her flight around the globe.

Who: You and any student (ages 8-12 years old) are on the way to joining an exciting team of aviators. There is no membership fee.

What: Walkersville Elementary has been created as Student Command Center (SCC) on the Think Global Flight web site. The project utilizes S.T.E.M. concepts connecting students across the globe through the website, Facebook page, apps for iPhone and Androids, Skype calls, and monthly LIVETV <http://new.livestream.com/DiscoverAviationTV>. Students can follow the flight around the globe, learn about aviation, and participate in fun aviation research projects. There are currently over 10,000 students participating worldwide in 20 countries and 31 states. We encourage interaction with other Student Command Centers across the globe that may be researching the same STEM questions. For details please visit:

<http://www.thinkglobalflight.org/education/student-command-centers>)

During the flight, that starts this week at Sun-n-Fun in Florida, Captain Judy will be sending live transmissions or via uploaded videos on the web site, Facebook pages, apps, and LIVETV so you can follow her global flight.

When: Starting this Thursday, April 3 at 5:30pm – 6:30 pm and will continue on the first Thursday of every month

Where: Experimental Aircraft Association (EAA) Educational Hanger, which is located behind the Frederick Flying School at the Frederick Airport.

How: Please contact Lori Peters if you have any question at

lpeters963@yahoo.com or 301-717-7727.

"These materials are neither sponsored by nor endorsed by the Board of Education of Frederick County, the Superintendent, or this school."



Fume? What Fumes?

When I began thinking about building an aircraft, I really liked the look of those composite aircraft. After some research, I quickly switched to a metal aircraft, as I had been convinced that an open-air or well ventilated workshop was necessary to deal with the fumes from all the epoxies and resins that the builder would continually be working with.

Now that I am working with those epoxies and resins to complete the various fairings and canopy seal on my RV-7A, I'm wondering what all the fuss was about. I'm not saying there aren't any vapors that could present a problem with your breathing over time, but compared to the smell of the primer that I have been using for corrosion protection on most all metal parts, this stuff is nothing! That's not to say there aren't other aspects of working with epoxies that will convince you that you don't want to build a composite airplane...

First, I put together the materials needed to get started. These include the resin, hardener, small cups (old yogurt containers), tongue depressors to mix with, a rotary cutter to cut the fiberglass cloth, and fillers to thicken the mixture (cotton fiber for stronger filler and micro-balloons for easier sandpaper work). How much filler you add can give you a mixture that is anywhere from "honey" to a "peanut butter" texture depending on the work you are doing. To apply the resin, get some small, cheap brushes and cut out some Styrofoam cubes. Thin (2 mil) plastic sheeting is used for a working surface and don't forget lots of latex gloves!



It's never good to rush through your work, but it is hard not to once you mix your epoxy/tank sealant/etc. and have to deal with the working time. Get everything laid out and ready before you mix the chemicals.

So, what have I learned so far? There is a lot of waste from this work. It is sticky stuff, and once it starts to cure, the materials you are working with quickly become a mess. You will want to refresh your working surface with new plastic regularly, along with your gloves. Mix small batches to give yourself more time.



The good news is that fiberglass is forgiving. You can sand out and/or redo most jobs. The materials (except for the resin and hardener) are inexpensive. Plus I like how you can create just about any shape you desire to close gaps and



get the look you want.

Here's a really good web site Jack Fromm gave to me to get started: <http://www.rvpilot.com/Fiberglass/fiberglass.html>

Mark Pankratz



Upcoming Events

Chapter Meetings

June 5, 2014 @ 7:30 p.m. — Membership Meeting

June 12, 2014 @ 7:00 p.m. — Board Meeting

Other Events

June 7, 2014 — Learn To Fly Day

June 4-7, 2014 — Maryland Regional Festival of Flight (KFDK)

October 4, 2014 — AOPA Open House/FDK Fly-in (KFDK)

Chapter Program Schedule — 2014

Month	Program
January	Weather Postponement
February	A Wounded Warrior Learns to Fly
March	Banquet
April	Charles and Anne Morrow Lindbergh: Their Lives and Times — Gerard L. Blake
May	J-3P Cub — Tom Crone - Organizer Steve and Malcolm van Kirk - Speakers
June	The New Czech Air Force: Its Current Status and How We Got There — Brigadier General Jiri Verner
July	No Meeting
August	Charles and Anne Morrow Lindbergh: Their Lives and Times, Part II — Gerard L. Blake
September	TBA
October	TBA
November	TBA

Refreshment Volunteers — 2013

Here is a list of volunteers supplying refreshments for 2013. The Board of Directors thanks you for your support (and munchies).

January	No meeting	July	No meeting
February	Jack Fromm	August	Joe Halleman
March	No Meeting	September	Mark Gosselin
April	Erick Webb	October	TBD
May	Ernie O'Roark	November	TBD
June	TBD	December	TBD

Chapter Officers

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Jerry Blake
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Doug Kelly
Mulligan32@verizon.net
301-963-2217

Tom Young
301-667-0964



Workshops

EAA SportAir Workshops at the AEC

Fabric Covering - June 21-22, 2014

RV Assembly - January 17-18, 2015

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.eachapter.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.

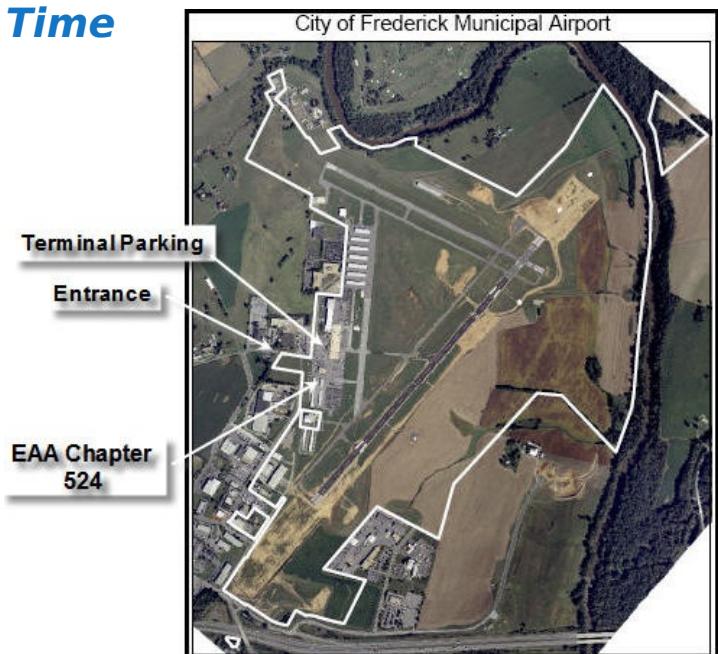
The webmaster can be contacted at EAA524.News@gmail.com.

Chapter Meeting Location and Time

Chapter 524 meets the first Thursday of each month at 7:30 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:



Aviation Education Center
Frederick Municipal Airport
111 Airport Drive East
Frederick, Maryland 21701



EAA Chapter 524 Membership Application

Annual dues are \$50 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 (\$50.00) _____ Family (\$50.00) _____

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: \$50.00 _____

New – Individual/Family Membership Dues: \$50.00 _____



Aviation Education Center
Frederick Municipal Airport
111 Airport Drive East
Frederick, Maryland 21701