



# The Frederick Flyer



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## President's Message

Welcome to the New Year Everyone!

Our chapter had a wonderful year in 2019 and this year looks to be equally good, or maybe even better. Last year we held three Sportair Workshops, hosted forums and flipped pancakes at the two day AOPA fly-in, supported one of the first generation of EAA Ray Scholars (soloing just before the end of the year, yeah!), completed the three and a half year Cub rebuild, and ate a lot of meals at the Airways Inn.

This year our first Sportair workshop is this month and it is full. If you have a chance to volunteer, please contact Rex for details. The next chapter build is in place and has started full force. Steve and crew meet on Wednesday and Saturday mornings, and most Thursday evenings. Instead of tube and fabric, we are working on an all metal Van's RV-10. It's a great way to practice a new set of skills. Coming up in March is our annual banquet on March 21st. Please see Ernie soon to reserve your spot. With a new year also comes the times to renew your chapter dues (see Ernie as well).

With the New Year, many of us have made new resolutions - gym memberships, diets, finishing the great American novel. What is your aviation New Year's Resolution? A new rating? Starting a project? Sun'n Fun or Airventure?

What can we do to help you with your aviation goals? Let myself or another board member know. Also, don't be shy about offering to help someone on their goals. We are all in this together.

Take care everyone,

Chris Gunther  
President  
EAA Chapter 524



# 1987 SOCATA Epsilon TB-30

What started out as a presentation on formation flying turned into a fascinating tale about the acquisition of a 1987 Socata Epsilon TB-30.

Seven and a half days to disassemble 13 planes in France; pack them up and ship them out! That doesn't begin to touch upon the logistics and legalities of purchasing a french military plane that has been in storage for ten years. If you attended, you were bound to be captivated by the story.

If you missed this January meeting, check out the video posted on our Facebook site:

[www.facebook.com/EAA524](http://www.facebook.com/EAA524)







# General Meeting Minutes

## 02 January 2020

Meeting brought to order at 7:00 p.m. by Chris Gunther

- Steve Gross reported: RV-10 fuselage is currently in 2 halves; the group has been assessing how far along each section is in the build process. One part was a Van's quick build from the Philippines, other section built by a homebuilder that wasn't able to finish the project. Some defects to address and some cleanup to be done. Avionics install will begin this week. Wings are on schedule to be done by February. Lights, VOR antenna, control cables/linkages, and autopilot components have already been installed. Work sessions: Wednesday 9:00 - noon; Thursday 6:00 - 9:00 p.m.; and Saturday 9:00 - noon.
- Ernie reported that the Cub is ready to fly. They did a run up last week and found that the idle is set too high and brakes need to be adjusted because the plane begins to roll at about 1500 rpm. They need good weather and Tom Young in the same place at the same time, to fly it, and get appropriate signatures in the aircraft's logbook.
- Rex reminded the Chapter - RV Assembly workshop on January 18 and 19. Set up will begin at 1:00 p.m. on Friday, January 17 and will take approximately 2 hours. Pack up on January 19.
- Steve Gross is now an instrument rated pilot. Congratulations!
- Raegan reluctantly reported that she successfully completed her first solo flight. Partway through the flight, the tower changed runways which provided a sporting 7 knot direct crosswind in a 150. A huge congratulations to Raegan!
- Mark Pankratz reported Chapter banquet will be held March 21 from 6-9 at the Red Horse Inn. The price is \$50 per person (money is due to Ernie, checks made payable to EAA Chapter 524).
- Mike Filucci shared the process of procuring, shipping, assembling, and flying his Socata TB-30 Epsilon.

Meeting concluded 8:06 pm

Submitted,  
Erick Webb, Secretary





## RV-10 Progress Report

### Saturday, 04 January

The group did a lot of pre-construction, organization work this week:

1. A lot of effort was put into QC of the tailcone. About 100 rivets required re-setting in the body of the cone. Additionally, the two rearmost bulkheads were pulled, re-riveted, and re-set. The rear-most bulkhead rivet row of the tailcone still needs to be riveted - these should be pretty easy using squeezed rivets.
2. The first bay of the tailcone turtle-deck was temporarily removed to facilitate mating of the tailcone.
3. After the work session, Steve G. packed up the forward top deck assembly of the fuselage, and drove it to Leesburg Airport to the hangar of Avionic's Systems. Dave Buckwalter at Avionics is going to start the panel layout, and order the necessary racks and install same, while he has full access to the panel framing assembly.
4. Steve G. received a call from Van's Aircraft. They are shipping the FINISH KIT on January 7. This kit will have a lot of the "next step" parts and hardware - brakes, wheels, landing gear struts, motor mounts, electric fuel pump, trim/flap motors, etc. This should enable sub-groups of the team to take on sub-assemblies of the airplane.

Submitted by Steve Gross



## EAA 524 Workshop

### VAN's RV Assembly Workshop - Jan. 18-19 2020

Call for volunteer help:

- **PRIORITY VOLUNTEER HELP:** Friday's setup and Sunday's teardown.
- Setup begins Friday, Jan. 17 at 1 pm at EAA hangar for workshop; approx. 2 hours.
- Workshop begins, Saturday, Jan. 18 at 8 am and ends Sunday Jan. 19 at 3 pm.
- Visitors welcomed during workshop; no need for volunteers during workshop.
- Teardown begins Sunday, Jan. 19, at 3 pm at EAA Chapter 524 Hangar
- Please keep this upcoming event in mind as it approaches.

Rex





## RV-10 Project Continues

**Wednesday, 08 January**

**GOAL** (Session led by Mark)

1. Complete riveting of rear-most bulkhead of tailcone
2. Inspect/all mating surfaces of the tailcone/fuselage - dimple/countersink/detail as necessary
3. Mate fuselage/tailcone - cleco together per Drawings 32-2 through 32-5
4. Develop a rivet "plan". Identify the exceptional rivet lengths required at unique locations. Mark those locations on the outside of the skin of the fuselage with Sharpie, to ensure correct riveting
5. Preview Drawing section 33. Isolate and prep parts related to the baggage door support frame
6. Bolt in the steps - the AN3-20 bolts are in the bolt and hardware box.

Submitted by Steve Gross

**Report:** More corrective action and some trial assembly continued on the tail cone today. A number of rivets were judged inadequate and were reset. Some were in awkward places and required some gymnastics to correct.

Meanwhile work on finishing rivets and clecoing in place the ribs and assembly for the battery box was completed. Once all the improper rivets were corrected, the assembly at the rear of the tail cone was also clecoed in place.

The next session will be Thursday evening at 6:30.

Submitted by Ernest O'Roark





## Chapter Banquet



**DATE:** 21 March 2020, Saturday,

**TIME:** 6:00 p.m. until 9:00 p.m.

**PLACE:** Red Horse Inn, West Room (downstairs)  
996 W Patrick St, Frederick, MD 21703

**COST:** \$50 per person

Asking for payment no later than March 14 in order to give the restaurant an accurate head count. Evening begins with hors d'oeuvres and socializing, followed with dinner. The entree will be selected from New York Strip, Petite Filet Mignon, Maryland Crab Cakes or Chicken Roulade. A choice of salad, potatoes or vegetable with rolls, beverage and dessert are included. There will be a cash bar. Our presentation will be a presentation of the Piper Cub Restoration completion. Come celebrate with us! Money is due to Ernie O'Roark. Checks made payable to EAA Chapter 524.

## Board Meeting Minutes

### Thursday, 09 January 2020

Meeting brought to order 7:01 pm by Chris Gunther

- Present: Chris Gunther, Mark Pankratz, Larry Jarkey, Mary Ann Alvarado, Ernie O'Roark, and Erick Webb
- Ernie reported on behalf of Rex Bullinger: Workshop setup 1:00 pm on Friday, 17 Jan. RV-10 group will set up tables beforehand. The workshop itself is full and has a waiting list.
- Larry reported on VMC Club; new CFI named Steve, wants to become more involved in aviation before he retires. Training is set up, has to associate with local Chapter, needs to become a chairperson, and Larry will facilitate introduction; he's a member of EAA national. Ernie would prefer if VMC happened soon after the IMC club to minimize the set up/tear down logistics. IMC club normally starts at 7 to allow people to get there from work and goes until about 8:30 pm Sunday or Monday may be the best days to hold the VMC Club meetings to minimize set up and tear down for RV-10 crew.
- Mark P. reported February speaker will be east coast Vans representative. Banquet will be March 21, 6:00 - 9:00 pm. No need to provide a deposit and not an issue to have about 5 last-minute additions.
- Ernie requested that sons of original owner be invited as guests to the banquet. He also wants to get their input for the presentation as well; four guests altogether. The board approved the expense.
- Mary Ann asked if board meeting minutes add value to newsletter. She would like newsletter submittals by 12<sup>th</sup> of each month. Chapter website is migrating to a new web host by March and appearance will change slightly.
- EAA rolled out a member database; opportunity to make use of it. Ernie will look into it, first chance.
- Ernie reported that Cub's idle speed and brakes need adjusting. It's a matter of getting good weather and Tom Young in the same place at the same time. Good progress is being made on the RV-10.
- Mark P. reminded board EAA National videos are a valuable resource that we could tap into. Suggested doing a Fly-Out event to a destination restaurant; fly together, eat together, and leave together.
- Discuss the Ford Tri-Motor and Fly-Outs during February's meeting.

Meeting adjourned at 7:37 pm

Submitted by Erick Webb, Secretary



## Upcoming Events

### Chapter Meetings

**Membership Meeting:** February 06, 2020; 7 pm

"Our presenter for February is Joe "Zack" Czachorowski, Vans East Coast Representative. Zack has built multiple aircraft, and has flown a wide variety of military and civilian aircraft. Come find out the latest from the most popular kit manufacturer out there." ~ Mark P.

**Board Meeting:** February 13, 2020; 7 pm

### 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>

Go to EAA SportAir Workshops at:

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

## Chapter Program Schedule - 2020

Month	Program
February	Joe "Zack" Czachorowski - Vans East Coast Rep.
March	Banquet - Piper Cub Completion Celebration
April	TBD
May	TBD
June	TBD
July	No Meeting

## Refreshment Volunteers 2020

Here is a list of volunteers supplying refreshments for 2020. The Board of Directors thanks you for your support (and munchies).

January	Lew, Rebecca, & Mary Bish	July	N/A
February	Buzzard Family	August	Eric Webb
March	N/A	September	TBD
April	TBD	October	TBD
May	TBD	November	Mark Sarrasin
June	Jack Fromm	December	TBD

## CHAPTER OFFICERS

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### EAA Flight Advisors

Vacant

### EAA Technical Counselors

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GerardLBlake@comcast.net

Mark Pankratz

mlp07@live.com





# Area Events of Interest

## EAA Chapter 524

### SportAir Workshops - Van's RV Assembly

Saturday, January 18-19, 2020 8:00 am - 3 pm  
 Admission: \$319 per participant  
 Thinking about building an RV and confused about where to start? Learn how, in an intensive two day workshop session that will guide you thru the process - step by step - and give you the confidence to successfully start - and more importantly finish your Van's RV Aircraft

Aviation Education Center  
 330 Aviation Way Hangar #2  
 Frederick MD 21701

## Chesapeake Sport Pilot Airport

### Rusty Pilot Seminar

Saturday, Jan 18, 9:00 am - 12 pm  
 Start the new year off by returning to the skies! There also will be plenty of time to fly with us after the seminar.

210 Airport Rd,  
 Stevensville, Maryland 21666

## The Glenn L. Martin Maryland Aviation Museum

### Family Fund Day Events

Sunday, January 18, 11 am - 3 pm  
 Admission: \$5 adults, \$3 children  
 Engage in a scavenger hunt; follow the clues to complete a puzzle on the life of Glenn L. Martin, born in 1886; discover the accomplishments of this aviation pioneer. At 1pm, all attending will gather in The Gallery to celebrate Mr. Martin's birthday.

701 Wilson Point Rd, Hangar 5  
 Middle River , MD 21220

Sunday, February 15, 11 am - 3 pm  
 Admission: \$5 adults, \$3 children  
 Engineers week 2020; families build a student size model of the Martin B-26 Murauder. Assembly shifts 11:30 & 1:30pm

701 Wilson Point Rd, Hangar 5  
 Middle River , MD 21220

## EAA Leadership

### Chapter Leadership Academy

January 17,18 & 19, 2020  
 April 17, 18 & 19, 2020

EAA Chapter Leadership Academy, an interactive, two-day workshop held in Oshkosh, WI that focuses on topics important to you as chapter leaders.

The academy provides an excellent opportunity to network with other chapter leaders as well as interact with EAA staff.

### Chapter Leadership Boot Camp

February 1st, 2020, Lakeland FL  
 February 8th, 2020, Arlington TX  
 February 22nd, 2020, Sacramento CA  
 March 7th, 2020, Kansas City MO  
 March 21st, 2020, Lebanon, TN

EAA's Chapter Leadership Boot Camps are one day courses focused on making you a better chapter leader so that you can have a better chapter.

These one day, interactive sessions are focused on topics important to you as chapter leaders.

## College Park Aviation Museum

### Engineering 101

Saturday, January 18, 11:00 am  
 Saturday, February 15, 11:00 am  
 Saturday, March 21, 11:00 am

Admission: \$5 per participant  
 Learn the basics of engineering through an interactive, hands-on challenge.  
 Contact 301-864-6029; TTY 301-699-2544

1985 Corporal Frank Scott Drive  
 College Park, MD 20740





## 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>

### January 2020 Schedule

- Tue, Jan 21, 7pm CST    Basic Aerodynamic Principles Demonstrated Aerobatics
- Wed, Jan 22, 7pm CST    EAA Proficiency 365 - Stay active and Current Year Round
- Wed, Jan 29, 7pm CST    Compression Testing Aircraft Engines and Maximizing Cylinder Life

### February 2020 Schedule

- Wed, Feb 05, 7pm CST    Bolted Joints in Tension
- Tue, Feb 11, 7pm CST    Tips & Tricks for Recording In-Flight Videos
- Wed, Feb 12, 7pm CST    Removing Winter Rust and Spin Avoidance
- Tue, Feb 18, 7pm CST    EAA Flying Start: Great Way to Grow Your Chapter
- Wed, Feb 19, 7pm CST    Vans RV Maintenance Common Questions

## EAA 524 Chapter Website

The EAA Chapter 524 website can be found at: [www.524.eaachapter.org](http://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](https://www.facebook.com/EAA524)

## Chapter Meeting Location and Time

Chapter 524 meets: first Thursday each month, 7:00 p.m.  
 Location: Aviation Education Center, 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



## Frederick IMC Club

Interested in learning more about IFR flying? Scenario-based discussions are available here.  
 The Frederick IMC Club meets: third Tuesday of each month, 7:00 p.m. Location: Chapter 524 Aviation Education Center/Hangar.  
 More information about the club and its mission can be found on our website at [www.524.eaachapter.org](http://www.524.eaachapter.org)



## **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.

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### 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 \_\_\_\_\_

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### 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 \_\_\_\_/\_\_\_\_/\_\_\_\_

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----- 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\_\_\_\_\_