

# EAA Chapter 27 Newsletter July 2024

<i>President</i>	<i>Mark Scott</i>
<i>Vice President</i>	<i>James Calver</i>
<i>Secretary</i>	<i>Rick Beebe</i>
<i>Treasurer</i>	<i>Bill Jagoda</i>
<i>Newsletter Editor</i>	<i>Joe Bogacki</i>
<i>Young Eagles</i>	<i>Donna Shea</i>
<i>Scholarship Coordinator</i>	<i>Tom Spitler</i>
<i>Tech Counselors</i>	<i>Dave Pepe, Mark Scott &amp; Mike Zemsta</i>
<i>Flight Advisor</i>	<i>Mark Scott</i>
<i>Our Web Site:</i>	<a href="http://www.eaa27.org">www.eaa27.org</a>



**Next Meeting August 18th, 10 am, Meriden Airport**

**Tom Culbert will be talking about aviation in Africa  
at the beginning of World War II.**



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## President's Message

No meeting as usual in the month of July. We look forward to hearing about people's Oshkosh and other trips at the August meeting.

## Minutes

Meeting Minutes June 23, 2024

President Mark Scott started the meeting at 10:03. Other officers present: Vice President James Calver, Secretary Rick Beebe, Treasurer Bill Jagoda. There were 37 attendees.

Visitors: Ethan, brought by Anthony from Stratford. He's 14 and has taken 7 Young Eagle flights. Manu from Chapter 166. She has a Cessna 150 and is learning to fly.

Sad to report that Joe Gauthier had a stroke a few weeks ago. Joe has been an amazing resource for the home built community. Joe was the first Designated Airworthiness Representative (DAR) in the country. He was also on the first EAA Homebuilt Council and also received the inaugural Tony Bingelis award.

Treasurers report: \$2968.99. We got \$247 in donations at the Young Eagles rally.

Dave Matuska is painting his kitfox. Steve Socolosky—the engine was just hung on the EAA 166 RV-12. The kids are enjoying working on it. Chapter 27's RV-12 just passed 900 hours.

Young Eagles day was a great success. We had 8 pilots. Despite a gusty direct crosswind we flew 51 kids. 33% were female. 67% were first time Young Eagles. We had 17 towns represented and 19 of the kids were from Meriden.

Ray Scholar update. Anthony has passed his physical. He'll be learning through CAP. Anthony talked about some of his flying so far. He also showed off a safety vest with the EAA 27 logo on the back and his name on the front.

Parks and Rec presentation coming on July 8 and 9. We'll set up several planes for them to look at and sit in.

Henry Casas is donating his Sonex project to the chapter. Thank you Henry! We'll decide if we do another airplane build or not at a later date.

We had a very interesting presentation from Mick Murphy on the design and construction of hot air balloons along with lots of good show-and-tell bits!

--Rick Beebe, Secretary

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## Ray Aviation Scholarship Update

Anthony has applied to EAA and has been accepted as our Ray Scholar for 2024. EAA will be sending us the appropriate documents to complete the process of his acceptance. Anthony can now begin his training at any time. As a member of CAP he will be doing his training with them. This month I will be getting together with Constance, Anthony, his mother and myself to go over the requirements of the Ray Scholarship so that each of us understands the scholarship program and the responsibilities each of us has so we can be successful. Welcome to Anthony and I know he is eager to get started.

Tom Spitler Scholarship Coordinator

## Chapter 27

### Parks and Recreation Days

Chapter 27, CAP, and the Vagabond club had planes on display for Meriden Parks and Recreation kids on July 8 and 9<sup>th</sup>. The chapter also ran paper airplane making and flying activities for the kids. All the kids got to sit in each of five airplanes. They all had fun. A few kids liked it so much they came for both the morning and afternoon sessions. Thanks to Bill, Ray, and Doug for having a plane there and Paula (Doug's wife) and Cassie for showing them how to make paper and foam airplanes.



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Mark stuffed in five for a group picture.



We have a new regular visitor at the airport. He is 18 months old and LOVES airplanes. His nanny pictured below brings him a couple times a week. Mom and Dad usually bring him one day on the weekend. He knows as many airplane words as he does “regular” words for a kid his age. If you see him be sure to say hello. A future Young Eagle for sure.





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## Tech Tip for Fabricating Large Radii

By Doug Dringoli

Work is continuing on the Hatz as I continue to fabricate parts for the landing gear. One part in particular was a bit of a challenge in the fact that it required a .8125 radius on the end of a piece of 1 5/8" tubing. Luckily, the part had a hole passing through the center point of the radius, so I decided I would use that as a pivot of sorts to accomplish the task at hand.

I decided that I would use my belt sander to grind the radius instead of using the milling machine to cut it, as that setup turned out to be, honestly, too dangerous.

Retrieving a piece of aluminum plate, I drilled and tapped a hole for a bolt that would pass through the tube and act as an axle for pivoting the tube. Placing a couple of jam nuts below it, I was able to take most of the slop out of the setup and provide a bit more rigidity to it.

This type of setup requires slow and steady to win the race so we need to creep up on our final dimension. This is not a one cut and call it a day operation. I backed the plate off and figured I would take at least three separate cuts to see how it goes. You can see the plate clamped to the table and we are ready to grind.



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The goal is to rotate the tube around the bolt, slowly feeding the workpiece into the sanding belt.

Safety glasses on and I was ready. Grasping the tube at the far end, I flipped the switch and gently moved the tube sided to side. The setup worked, although I would not call it solid, but there is always a constant equation of time spent vs. end product that runs in the back of my head. Safety being the first that is non negotiable.



Again, slowly feed and always err on the side of safety and you can have the same amount of success.

## Safety Tip

I received this NTSB report from a friend of mine. Don't let this happen to you in your plane, car, or house!

Mooney M20E, N5632Q, April 26, 2024, at Hornell Municipal Airport (HTF/KHTF), Hornell, New York:

The pilot intended to depart his home airport for another airport to perform an owner-assisted annual inspection. While loading the airplane with supplies, the pilot placed a portable ADS-B receiver on the top of his airplane. The ADS-B receiver uti-

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lized a commercially available portable lithium-ion battery pack for power, and the battery was attached to the receiver via a hook and loop fastening. The receiver and battery pack fell from the top of the airplane onto the ramp which resulted in damage to the receiver and battery pack. The pilot attempted to power up the receiver but noted that the receiver was no longer working; he then placed the receiver and battery pack behind the front seats and underneath an airplane cover. The pilot subsequently taxied and began his run-up of the engine, during which the pilot noted smoke coming from behind the front seats.



The pilot lifted the airplane cover and saw that a fire had started. The pilot exited the airplane and unsuccessfully attempted to remove the airplane cover, which was on fire. The fire eventually consumed most of the cockpit area (including the battery pack itself) and substantially damaged both wings. (Mark)

## Sonex Airplane Donation

Chapter member Henry Casas has graciously offered to donate his Sonex project to the chapter to complete the build. The project description is still in the classified section. I will be visiting the project soon and make plans. (Mark)

## EAA Chapter 1310 Next Events

Mark your calendars now for these upcoming EAA Chapter 1310 events in 2024 at Skylark Airport:

**August 17, 2024** - Corn Roast & Cookout 11:00 AM - 1:30am

**October 5, 2024** - Taildragger Fly-In, Safety Seminar & Cookout

**November 2, 2024** - Pancake Breakfast 8:30 - 11:00am

**December 7, 2024** - Christmas Pot Luck Buffet Dinner 6:00 PM - 9:00am



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## Regional Meetings

Check chapter websites for meeting status

Chapter 1310 Meetings - 2nd Wednesday 7 PM April-October

2nd Saturday 10 AM November, January, February, March at Skylark Airport

Chapter 166 Meetings - Last Saturday of month 10:00 AM (Except July, Nov & Dec) at HFD Hangar 1 EAA Classroom, 20 Lindberg Drive, Hartford. <http://eaa166.org>

Chapter 27 Meetings - 3rd Sunday of month, 10 AM at Meriden Airport  
<http://eaa27.org/>

Chapter 324 Meetings 1st Wednesday of month, 7 PM Simsbury Airport  
<https://www.facebook.com/eaa324/> <https://chapters.eaa.org/EAA324>

Chapter 324 VMC Club Simsbury Airport CT 3rd Wednesday of the month at 7 pm  
Laura Doherty | [laurado@sas.upenn.edu](mailto:laurado@sas.upenn.edu) - [EAA.org/VMC](http://EAA.org/VMC) NOTE May meeting on May 22nd

Chapter 1620 Meetings 1st Wednesday of month, 7:30 PM Barnes Airport Hangar 3, 111 Airport Rd. Westfield, MA. 01085 <https://www.facebook.com/eaa.org/>

## 2024 Aviation Events

July 17-18 Navy Blue Angels <https://binghamtonairshow.com/>

July 22 - 28 EAA AirVenture, Oshkosh

Canadian Snowbirds <https://www.airventure.org>

August 3 - 4 Great State of Maine Air Show Brunswick, ME USAF Thunderbirds

August 10 - 11 New York Air Show, Montgomery, NY USAF Thunderbirds, Frecce Tricolori National Aerobatic Team of Italy <https://airshowny.com/>

September 13-24 Green Mountain Aviation Field Days

The Vermont Aviators Association, with support from BTV, Heritage, VFA, Beta Technologies and others, is bringing an "airshow" back to Burlington VT in September of 2024...the first one here since 2016! This is a Burlington event with all facets of the local government and business participating in the planning and execution of the event....

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

S. Scott "Zip" Willits

Vermont Aviators Association

518-522-0017 [vermontaviators.org](http://vermontaviators.org)



## Classifieds

MANY structural pull rivets left over from the RV-12 build. They are 1/8 dia, Gesipa LP4-3 with .093-.197 grip. \$5 for a 1/2 lb bag or about 200 rivets. That is about 80% less than similar Q rivets from Aircraft Spruce.

Contact Mark Scott (203-988-3197)



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## Sonex Project For Sale

Partially built Sonex A model kit. Two seat tailwheel. A 140 mph aircraft at 42 mpg! Everything needed to complete except instruments. Very good build quality, polished aluminum. Sonex VW engine still in crate. Over \$30k invested. Make offer. Plans Serial # 1626. Contact Henry A. Casas (EAA# 653550) Home: 860-354-9635, Cell: 203-770-2836, email; [Quigecasas@aol.com](mailto:Quigecasas@aol.com)



## EAA CHAPTER 27 MEMBERSHIP FORM

Please fill in the following information and mail with your dues to:  
EAA Chapter 27, c/o Bill Jagoda, 43 Derby Road, Rockfall, CT 06481  
Annual dues are \$20.00 per year. Make checks payable to **EAA Chapter 27**

(Please print)

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

EAA Member # \_\_\_\_\_ Expiration Date: \_\_\_\_\_

Pilot rating held: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Would you like to receive our newsletter via email? Y / N

Aircraft owned, make & model: \_\_\_\_\_

Flying \_\_\_\_\_ Building \_\_\_\_\_ Restoring \_\_\_\_\_ % complete \_\_\_\_\_

Tell us about your areas of interest and expertise:

If anyone has something they would like to share in our newsletter, places of interest to fly too, your airplane build project, articles, flight experiences, etc. please forward them to Joe "[newsletter@eaa27.org](mailto:newsletter@eaa27.org)"