

# EAA Chapter 27 Newsletter September 2021

*President*                      *Mark Scott*  
*Vice President*              *Dave Rich*  
*Secretary*                    *Rick Beebe*  
*Treasurer*                   *Bill Jagoda*  
*Newsletter Editor*        *Joe Bogacki*  
*Young Eagles*              *Donna Shea*

*Tech Counselors* *Dave Pepe, Mark Scott & Mike Zemsta*

*Our Web Site:* [www.eaa27.org](http://www.eaa27.org)



**Next Meeting**  
**Chapter Picnic**  
**Saturday - September, 18<sup>th</sup> 10 am - 2 pm**



# EAA Chapter 27 Newsletter September 2021

## President's Message

Our Picnic is Saturday, Sept 18<sup>th</sup>. Everyone is welcome. We had lots of people last year and hope for the same again. Please bring a side dish for others to enjoy. With the airport runway and lights redone the airport will look better than ever. We have some ideas for updating the tetrahedron look. Pictures will be shown at the picnic and we are looking for opinions. Come take a look at progress in action! (Mark)

## Meeting Minutes

August 15, 2021

President Mark Scott called the meeting to order at 10:00. Other officers present: Treasurer Bill Jagoda, and Secretary Rick Beebe. There were 29 attendees. A few, uncounted, more came for the presentation.

Treasurer's Report? \$32,500 added to the treasury from the sale of the RV-12. We've received the first \$4000 for our Ray Scholar and have expended most of it. The next piece comes when he solos. Discounting those, our "normal" balance is \$3947.00.

Steve Socolosky gave a report on the RV-12 they're building at Chapter 166. The Middletown high school is also building an RV-12.

Mark showed a borescope he bought for the Chapter. It plugs into a phone or computer and will curl around 180 degrees to get a really good look at your valves. He's keeping it in his hangar. Contact him if you want to borrow it. We have a tool list on the web site. If you have any special tools you are willing to loan out, send a message to Rick Beebe to get the tool and your contact information on the list.

The airport will be closed August 23 to October 21 to repave the runway and install new lighting.

Our next Young Eagle will be on November 6. That should stay well clear of the airport closure. EAA is putting out some "build-it" kits and we're considering putting together some Young Eagle workshop sessions. We've flown 51 Young Eagles so far this year.

Airport projects during shutdown. We're going to rebuild the tetrahedron. The airport would like us to paint numbers on the tie downs spots. The airport is thinking of buying picnic tables and those will need to be painted.

C.J., our Ray Scholar recently soloed up a Brainard. Congratulations C.J.! Keep up the good work.

Our Chapter picnic will be on Saturday, September 18. 10-2. Come early and help set up or plan to stay late and help clean up.

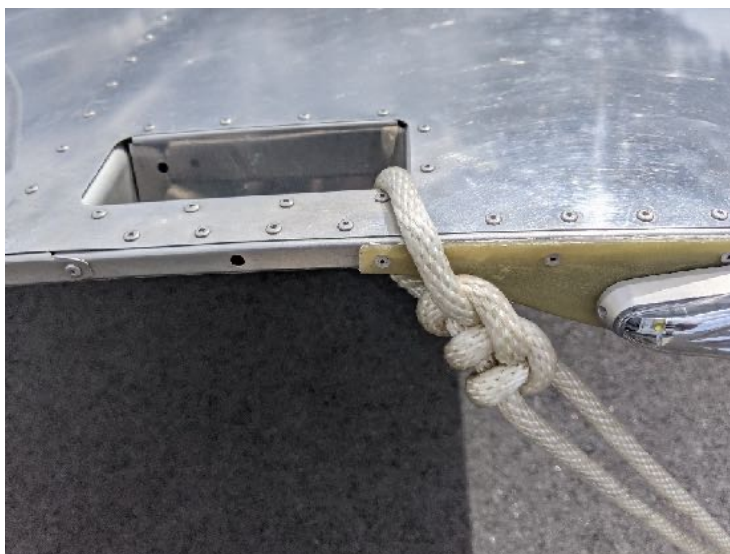
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Laurie and Ariana Strand gave a fascinating presentation on their rescue flight last February. A young pelican was found nearly frozen to death in Essex, Connecticut. They flew her to a wildlife sanctuary in Jupiter Florida in the Spirit of Meriden RV-12. In honor, they named the pelican Arvy. The trip down was made in one day—February 25. It took them 11 hours and 59 minutes. It took more than a week to get the plane back home because of weather.

—Rick Beebe, Secretary

## Tech Tip

We had a couple big wind storms last month. I hope everybody's planes are OK. When I look around the ramp I see all kinds of knots used on tiedown ropes. Some methods are much better than others. The simplest and most secure knot is at least two half hitches tight against the tiedown point. The picture shown actually has three half hitches. It must be tight or else the knot will start whipping around in the wind and untie itself. A bowline is not a good knot to use. It makes it difficult to draw the rope up tight. A



bowline works best under tension. When not under tension it tends to loosen up, especially if it is whipped around. I saw an Aeronca Champ lost in a wind storm because the bowline knot came undone. Tie two more half hitches at the tail end of the rope onto the tie down rope. You can also use a taught line hitch at the end because it can be drawn up tight. Do not use a taught line hitch for the main securing knot because it has the same characteristics as a bowline. If anyone wants to see how to tie these knots see your local Boy Scout or catch me sometime at the airport and I'll show you. (Mark)

## Ray Aviation Scholar 2021

You may or may not know that CJ soloed on August 13th. He got some unusual taxi instructions but besides that everything went well. Tower controller wanted to know when the celebration party was going to be held. Congratulations too CJ!

Met with CJ and his instructor as part of our mentoring responsibilities and they are moving on to the cross country part of the training. Getting in and out of various airports and dealing with towered and non towered airports. Made his first landing at Block Island. Training CJ about the \$100 breakfast run.



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Next step for CJ is the written test. Has been preparing with various Sporty's programs and utilizing other learning opportunities available to him. His goal is to get into the 90% scoring range. Should be taking the test within the next few weeks.

Also learned that CJ will be applying to Emory Riddle as his first choice university as he will be graduating this year. Wishing him well.

CJ still shows his enthusiasm for flying and is very appreciative for having the Ray Aviation Scholarship available for him to reach his goals in aviation.

Thomas Spitler

## Meriden Airport

The airport repaving project is moving along well. As of the first week in September all the pavement was removed, the lights removed, and grading almost complete. Paving is scheduled to start around Sept 10<sup>th</sup>.



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## Chapter 27

Thanks to the crew in the picture, we moved the tetrahedron wind indicator to a hangar. When we removed the vertical tail we found LOTS of bee nests. Fortunately, most were empty. However, a few bees were still living there and were quite annoyed with us. One of them got Mark in the leg. The vertical tail is in rough shape. We are deciding to fix it or make a new one. The rest of it is pretty good.





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## Young Eagles



Ever wondered what your neighborhood would look like from the sky? Or maybe you're curious about airplanes or what it's like to be a pilot.

If you're shaking your head "Yes" and are between the ages of **8 and 17**, you're ready to take a **free** Young Eagles flight and see what real pilots do before, during and after a flight.

Since 1992, more than 2.0 million Young Eagles have enjoyed a flight from EAA's network of volunteer pilots. *We would love for you to be on our next flight!*

A parent or guardian **must be present** in order to participate and registration is at the event.

For more information about the Young Eagles Day contact:

**Donna Shea**  
EAA Chapter 27  
Young Eagles Coordinator  
[shea.donna@ymail.com](mailto:shea.donna@ymail.com)

**For More Information about**  
Young Eagles and EAA Chapter 27  
Visit: [www.eaa27.org](http://www.eaa27.org)  
or search EAA27 on Facebook



\*Due to COVID-19, all volunteer pilots are vaccinated and all participants will be asked to wear face masks.

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## Airplane Build Project

### Update on the Hatz Classic

By

Doug Dringoli

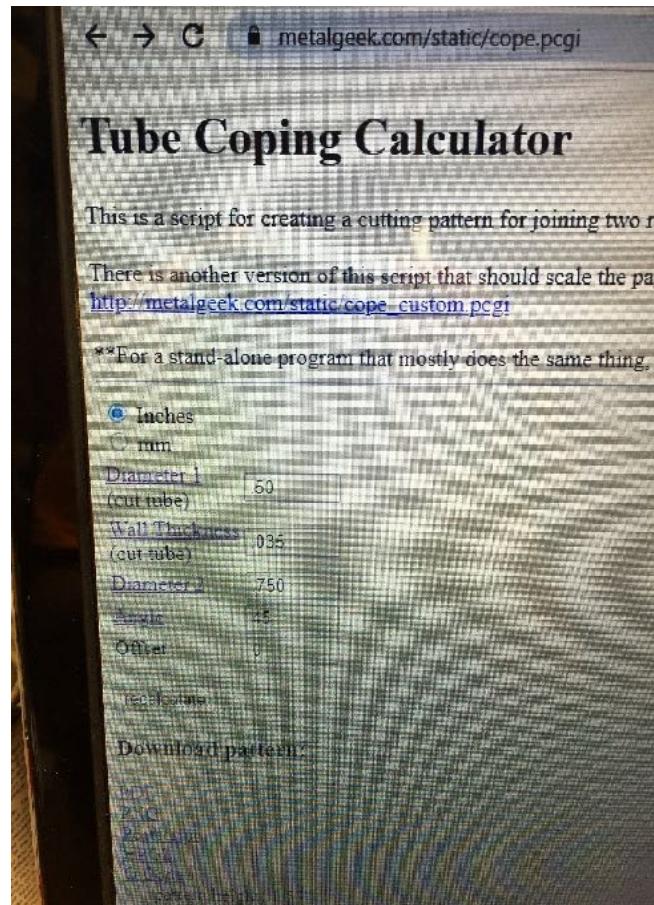
Things are moving along once again in the shop now that the summer is winding down. Progress on the fuselage bottom is coming along with a lot of time spent coping the  $\frac{3}{4}$ " tubing crossmembers in their respective places.

A little word on coping, actually quite a few words, most not suitable for decent society. Coping is the art of joining tubing together at various angles where the centerlines of the tubing meet at a common point. Those tubes must come together with a fit that is as close to perfect as one can get. There shouldn't be a gap between tubes that is larger than the diameter of your filler metal for welding. There's the rub. I admit it, I have made almost every truss twice. At \$10/ft for tubing, the impetus to get good at coping occupies the mind.

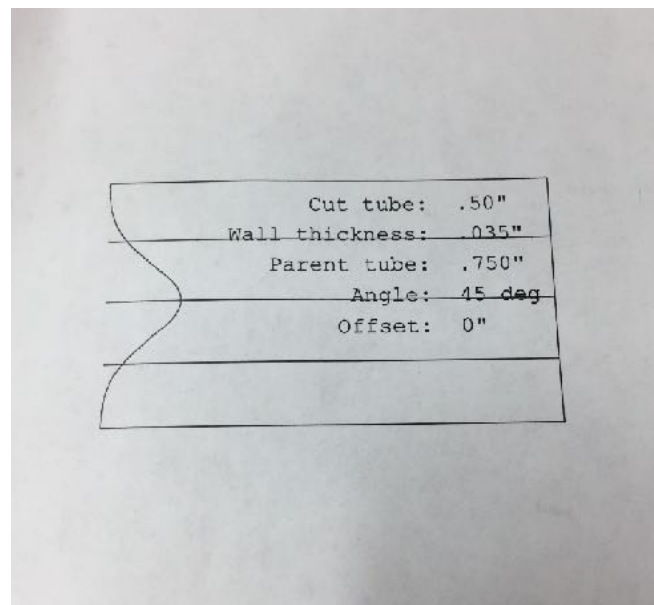


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The purpose of this article is to pass along a website I found that has made coping a lot easier, or at least taking 80% of the work out of it. That last 20% is still on you. The website is [www.metalgeek.com](http://www.metalgeek.com). The site allows you to input the dimensions of the tubing you are joining, its wall thickness and angle to which they will join.



Once the pattern is printed, you simply cut it out, roll it around your tube and tape the sides together. What's also nice is that you'll notice on the pattern there are three lines printed down its length. These lines are 90 degrees apart and are very helpful in positioning the template in the tubing.





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My next step is to take a Sharpie marker and while laying the tube and marker on the table, drag the marker down the tube on both ends giving you a common centerline. This line will be used to “clock” the template. The centerline will also make a common reference for the other side assuming that the other end of the tubing will need some sort of cope as well.



I just slip the rolled template over the tube and trace the cope outline. Just a little work with a cutoff wheel in a die grinder to remove the unwanted material and you're just about there.

I have to say the most amount of work is just the last little bit. Grind, fit, grind, fit and so on.

You really want that tight so when you strike an arc, there are no problems getting the puddle to jump the tubes and forming a good welded seam.



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## TANGO FLIGHT PROGRAM AT BASSICK HIGH SCHOOL NEEDS MENTORS



**TANGO FLIGHT** is an innovative program that introduces high school students to a career path in aviation. Students will be building one of the most popular experimental aircraft, the RV-12, over the course of the school year. The program is fully funded and has the support of the Bridgeport Board of Education and Bassick High School in Bridgeport, CT, and is entering its second year.



**WE NEED  
YOUR HELP  
AS A  
MENTOR  
INSTRUCTOR**



**AS A MENTOR**, you will assist the students during the building of the aircraft. If you are a pilot, mechanic or have experience in manufacturing, maintenance, aircraft construction, or related skills, please consider becoming a mentor. Time can be from 4 hours per week to full time.

This is a life experience for both the mentor and students that will ultimately have an impact on the career development of students at Bassick High School.

For more information about becoming a mentor, please contact Joy Karageorge at [jkarageorge@firstaviation.com](mailto:jkarageorge@firstaviation.com)

**TANGOFLIGHT**  
TM

*Transforming lives through mentorship and building planes.*

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## Recreation Aircraft Association - Mt Tobe

There is a Recreational Aircraft Association (RAF) work day at Mt Tobe (N41) airport on Saturday Sept 18<sup>th</sup>. They are establishing sites and other amenities. People are flying in and camping Friday and Saturday night. Most of the work will be done Saturday. Dave Rich and Mark Scott plan on being there after the chapter picnic. If you would like to help out contact Drew Lyons at [dlyons@theraf.org](mailto:dlyons@theraf.org). Drew said any help for any length of time is welcome. There will be a social campfire event in the evening.



## Brainard Airport Open House & Young Eagles Flights

On Saturday 18 September, there will be an open-house at Brainard with camping in the grassy area just north of Hartford Jet Center's hangar H2. Phil Smith is one of the organizers - all in support of HJCs Lindsey Rutka. He's been a great supporter of GA, and EAA!

EAA Chapter 166 will be flying Young Eagles from 10:00 AM - 2:00 PM.

Skylark fliers are invited to participate; please spread word and reply if you can help celebrate!

## Myricks EAA 196 Fly-in, Sunday, September 19, 2021

Join EAA Chapter 196 and pilots from the New England region for their annual fall fly-in and cook-out at Myricks Field (1M8) in Berkley, MA. Featuring

- Airplanes - vintage, modern, ultralight, and experimental
- Classic cars
- Burgers and dogs from the EAA 196 grill
- Candy drop, and more

All in the intimate setting of an old-time grass airfield. 10:30 am to 3 pm

Myricks Airport, 168 Padelford Street, Berkley, MA 02779.

Contact

Andy Goldstein

978-212-9196



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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 Hartford Jet Center, 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/EEA324>

**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/>

## 2021 Aviation Events

**Rhinebeck Aerodome - Air Shows start on June 19 and 20.**

The stars are the historic airplanes including our 1909 Bleriot, the oldest regularly flying airplane in the Western Hemisphere; the Fokker DR-I Triplane, the most famous fighter of WWI; and a precise replica of the Spirit of St. Louis, which was the first aircraft to fly NY to Paris in 1927. While aircraft rotate on and off the flightline, usually 15-20 are flyable for our shows.

The Saturday "History of Flight" program highlights the Pioneer era before WWI, a WWI show teaser, and the Golden Age of Aviation in the '20s and '30s.

The Sunday Show is our WWI dog fight spectacular with a hero, a heroine (Cheer!), the villainous Black Baron of Rhinebeck (Boo!), scenery, pyrotechnics and a WWI tank. The supporting cast includes many antique automobiles. <https://oldrhinebeck.org>

**September 25 - 26 Simsbury Fly-In, Car Show and Food Truck Festival**

Saturday will be food trucks ONLY. There will be no Fly-In or Car Show on Saturday. The full event, including a second day of food trucks, will be held on Sunday, Sept. 26. Come either day, or both.

We'll feature displays of 700 beautiful airplanes and cars, amazing things to eat from 25 food trucks, and many exciting activities for the entire family.

Craftspersons and local businesses displaying their wares, AT-6 World War 2 Training Plane Rides, Helicopter Rides (Two helos available), New Car/New Airplane Dealers, Kaman KMAX Helicopter Fire Fighting Demo, Live Music, Hartford Hospital Lifestar Helicopter, Yankee Clippers Formation Flying Team, Free Seminars for Cars and Airplane Fans, Banner Tow Pickup Demonstration, GyroPlane Display and Flight, Radio Control Model Airplane Aerobatics <http://simsburyflyin.com/>

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September 11-12 Pease ANGB Airshow & Open House, Pease ANGB, Portsmouth, NH  
USAF Thunderbirds <https://www.157arw.ang.af.mil/Airshow-2021/>

## 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

Pair of Airhawk 7.00 x 6 tires and inner tubes, 85% tread remaining, in excellent condition, \$150.

Mark Scott ([mwscott2@comcast.net](mailto:mwscott2@comcast.net))

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## *Reminder Chapter Dues for 2021*

### 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:

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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)"

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