

EAA Chapter 27 Newsletter May 2021

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| <i>President</i> | <i>Mark Scott</i> |
| <i>Vice President</i> | <i>Dave Rich</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> |



Tech Counselors Dave Pepe, Mark Scott & Mike Zemsta

Our Web Site: www.eaa27.org

**Next Meeting May 16th
Hangar E2
(Central Ramp)
10:00 am**

**Jet Blue Pilot Doug
Dringoli Will Talk About
Getting Hired and
Trained by The
Airlines.**



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President's Message

It is nice to finally get out and do things as a group at the airport again. The clean up went well and our recent kids tour was a lot of fun. We are going to finally have our next Young Eagles rally June 12th. Put it on your calendar.

Meeting Minutes

April 18, 2021 Meeting

President Mark Scott called the meeting to order at 10:12. Other officers present: Treasurer Bill Jagoda, and Secretary Rick Beebe. There were 27 attendees.

Thanks to Doug Dringoli for repairing the tetrahedron.

Visitors: Charles Cicarello from Chapter 166 and his pilot-to-be son. Charles is a new Chapter 27 member. Welcome!

2021 Dues are due! \$20 to Bill Jagoda.

Treasurer Bill Jagoda reports \$3199.61 in the treasury. Money will be coming in from the sale of the RV-12 and we can start looking at our next project.

Mike Zemsta reports that his RV-9 now has 80 hours on it and is flying well.

Mark Scott showed a failed EGT sensor. They don't last forever as they're subject to 1400 degree exhaust and they eventually erode.

If you have fun experiences or building techniques, please share with Joe Bogacki at newsletter@Eaa27.org. They don't have to be long or elaborate.

International Young Eagles day is June 12. We will decide next month if we'll have our Spring rally on that date or delay it a bit.

Ray Scholarship. We are looking to get the pre-application submitted to us before April 30. We need a 16 to 19 year old with a desire to fly. We will review the pre-applications and forward our candidate to EAA. It's for a \$10,000 grant to learn to fly.

Mark Scott did an Eagle Flight last month and the person was so enthused he went right in and signed up at the Meriden flight school.

Dave Rich bought a GlaStar recently. Jim Simmons sold his Mooney.

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The airport will be closed for 2 months-September and October-because they'll be repaving the runway and taxiways and replacing all the lights. During the shutdown we'll have some airport projects such as repainting the tie-down spaces and the tetrahedron.

Thanks to our Young Eagle credits, we have a new grill for our picnics and YE rallies.

August 20-22 Youngpilots.org. The Recreational Pilots Association has been refurbishing the Goodspeed airport and is going to have a 3 day celebratory fly-in with camping, live music, STOL takeoff and flour bombing contests.

Presentation: Mark Scott talked about wiring your plane--especially power and ground wires--including design considerations, wire sizes, tools and connectors.

--Rick Beebe, Secretary

Tech Tip

Duckbill pliers provide excellent grip on pulling and setting cotter pins, guiding safety wire through bolt holes, twisting wire and bending over pigtails. To prevent marking cotton pin or safety wire file the sharp edges of the grooved tips.



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Chapter 27

We gave a tour to the Meriden Boys and Girls Club on May 6th. They all got to sit in each of four airplanes. They were full of questions and really enjoyed themselves. We will do it again on the 13th with the girls.



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Congratulations to Dave Rich on receiving his tail wheel endorsement. He reports that he's getting the feel for the plane and will be ready to take passengers after his mandatory five hours of solo time.

Sprucing up the Airport

We held our airport clean up day after the April meeting. Thanks to everyone who helped out. As usual we filled lots of garbage bags with stuff from along the fence. We did a lot of grass and dirt raking as we fixed up areas from the plow and construction vehicles. Donna and Constance did a lot of gardening work by the building. The airport is looking pretty good.

A new paved section from the north ramp to the mid ramp was recently completed. This enables you to drive close to the community hangar and not have to go out to the taxiway and back. There is also a parking area set up by the west community hangar now too.



Young Eagles

Most of our chapter members have been or will be fully vaccinated by our planned Young Eagles rally on June 12th. Therefore we feel comfortable having the event. All pilots need to be fully vaccinated and be flight current.

Brian Rechline's new charter pilot job keeps him traveling and busy on weekends. He will not be able to commit to the time and dates required as our Young Eagles coordinator. Donna Shea has agreed to take over the position and we look forward to her enthusiasm as our new coordinator. Many of you already know where you like to help out. If you are new to the event and want to help out or plan to fly please get in touch with Donna (shea.donna@ymail.com). It's a lot of fun. Please stop to watch at the least if you have not seen how well we do it!

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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
860-377-2173
shea.donna@ymail.com

For More Information about
Young Eagles and EAA Chapter 27
Visit: www.eaa.org search young eagles
www.eaa27.or or FB search eaa27



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

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Ray Aviation Scholar 2021

The Chapter has received several applications for the scholarship. There will be a meeting held to interview the candidates and a selection will be made to submit to EAA for approval. We should know by July 10th whether our candidate has been accepted. At that point flight training can begin

tspitler@gmail.com [860-338-3693](tel:860-338-3693).

Airplane Build Project

Progress on Hatz Classic #160

By Doug Dringoli

Started building the fixture table for welding the steel tube fuselage. The table is constructed of 2x6x10 foot Fir sides and mated with a $\frac{3}{4}$ " thick MDF table top.

I started by getting the sides cut into 6 foot and 10 foot long lengths. That joint is sistered by gluing and screwing the leftover 4 foot piece on the inside over the joint. The difficulty comes with developing a straight edge for the tabletop to lay on. Since the side assembly didn't take place on a 16 foot flat table, I found that the completed edge had a fair amount of bow to it.



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I decided to plane these edges straight so when the frame was complete, the top could be just placed on without requiring additional shimming. The method I used was to string mason line from one end to the other, on the edge to be planed. That gave me a reference on how out of straight I was. Visit my YouTube channel for a more detailed explanation of how I did this at: [www.Youtube.com/Beechdrvr](https://www.youtube.com/Beechdrvr) “hand joining long lengths of lumber”



When the planing of both long sides was complete, the rest of the frame was assembled with cross supports every 2 feet down the length. What's important in assembling this fixture table is overall flatness since the fuselage is welded in reference to this plane. After the subframe was assembled, it was brought to overall level using a carpenter's level and window shims, across its full length and width. Once level, its position was secured to work benches that would support the entire fixture table, using lengths of angle iron screwed to the bench tops.

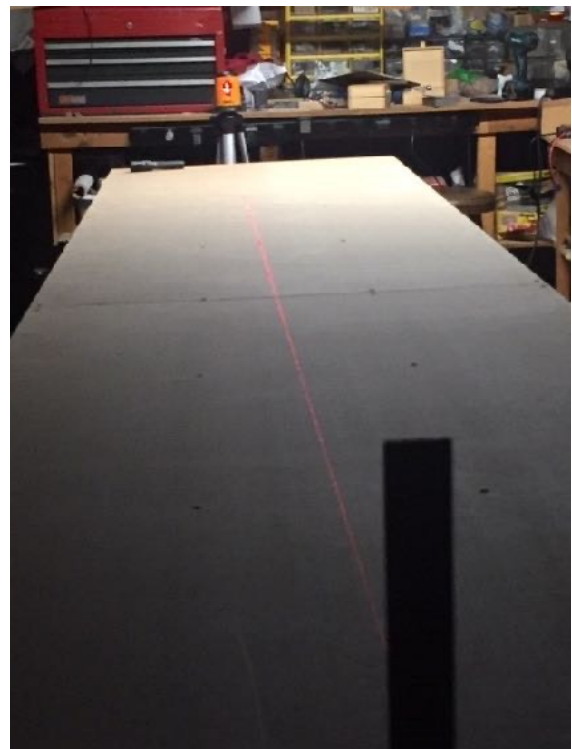


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Now that the table is lying in a known flat plane, the table top was placed on it and screwed to the subframe. My curiosity got the best of me and I wanted to see just how flat I had made the top. I borrowed a laser level and set it up so a horizontal beam was displayed just above the table top. I then took a ruler and placed it vertically, attaching it to a steel 1-2-3 block. Dimming the lights, I then proceeded to move the ruler to different positions on the table and found it to be level to within a 32nd of an inch! Definitely flat enough for welding.



Satisfied that my table was done, I am now able to continue with laying out all the tubing centerlines for both the top and bottom of the fuselage.



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MMK FAA Airport Improvement Project notice to tenants

Tenants, We have been approved for our FAA Airport Improvement Project to rehabilitate the runway and taxiway this year. This includes repaving the entire taxiway and runway along with all new LED lighting and signage. We anticipate a shut down for approximately 2 months. Although we do not have an exact start date, we want to give you a heads up for planning purposes. This will take place either August-September or September-October. We have discussed pushing the project out to March-April 2022, however cannot guarantee delaying it until then.

I have reached out to surrounding airports to let them know that MMK tenants will be looking to relocate aircraft during the shutdown. Tie-downs are available at all airports and some shared/community hangar space should be available at 4B8, SNC, OXC, and HFD. As we get closer to knowing the start date, I will send out contact info for each airport FBO with their rates. Please know that we will not charge tie-down/hangar space at MMK during the shutdown. I anticipate having more information for you regarding a firm date in early May.

Any questions, please feel free to call.

Thank you,

Constance Castillo
Airport Manager-City of Meriden
Meriden Markham Airport
213 Evansville Ave
Meriden, CT 06451
203-630-2878

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Spirit of Meriden Flight Club

The club picked up a new member recently. Several others show high interest. The plane is over 225 hrs now. The first annual conditional inspection will occur May 26-28 in hangar E2. Stop by if you would like to see the plane opened up for inspection. (Mark)



Memberships Available

**Fly cheap with the latest in aviation tech.
5 gal/hr fuel burn and no more "steam gauges"**

The club owns a newly built RV-12 which is a light sport category airplane suitable for both light sport and private pilot training. A video of its first flight can be viewed here: <http://www.eaa27.org/>

The RV-12 is equipped with a modern 4 stroke Rotax 912 ULS and the Dynon Skyview HDX with synthetic vision, EFIS, EMS and ADS-B.



The club is structured as a CT 501c(7) not for profit, non-stock corporation. Membership assumes all officer roles and manages all corporate functions including; oversight, scheduling, maintenance and finances.

If interested, please contact either Mark Scott (203.988.3197) or Dave Rich (860.638.9087) for details.

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New England Air Museum

Space Expo

Saturday August 21, 2021 9:00am to 4:00 pm

The New England Air Museum's annual celebration of all things aerospace is back! This in-person special event will feature former NASA Astronaut Susan Kilrain as well as guests from our region's aerospace industry, activities for children and families, and much more! Stay tuned for event updates including activity schedules, VIP experiences such as our annual Breakfast with an Astronaut, and ticket sales.

***Space Expo 2021* Keynote Speaker:**

Former NASA Astronaut Susan Kilrain

Meet former NASA Astronaut Susan Kilrain at this year's *SPACE EXPO*! Susan Kilrain (Commander, USN, Ret.) is a veteran of two space flights and one of only three women to ever pilot the Space Shuttle. A graduate of the Naval Test Pilot School, she has over 3,000 flight hours in more than 30 different aircraft including the F-14 Tomcat. She holds a bachelor's degree in aeronautical engineering from Embry-Riddle Aeronautical University and a master's degree in aerospace engineering from Georgia Institute of Technology. She retired from NASA in 2002 and the U.S. Navy in 2005. Susan Kilrain's public lecture and meet and greet times will be announced soon.

See Commander Kilrain's Bio:

https://www.neam.org/shell.php?page=2020_space_expo_kilrain_bio



<https://www.neam.org/home.php>

Regional Meetings

Covid 19 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://166.eaachapter.org/>

Chapter 27 Meetings - 3rd Sunday of month, 10 AM at Meriden Airport

<http://eaa27.org/>

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Chapter 324 Meetings 1st Wednesday of month, 7 PM Simsbury Airport
<https://www.facebook.com/ea324/> <https://chapters.eaa.org/EAA324>

Chapter 1620 Meetings 1st Wednesday of month, 7:30 PM Barnes Airport Hangar 3,
111 Airport Rd. Westfield, MA. 01085 <https://www.facebook.com/ea3.org/>

2021 Aviation Events

Rhinebeck Aerodome - Airshows will be back this 2021

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>

June 4-6 Mid Atlantic World War II Weekend Reading Regional Airport, Reading, PA
<http://www.maam.org/maamwwii.html>

July 26 - August 1 EAA Air Venture Oshkosh, Wisconsin

<https://www.eaa.org/airventure>

USAF F-16 Viper Demo, B-25 Mitchell (PBJ) "Devil Dog", Red Tail Squadron P-51C "Tuskegee Airmen", Younkin Twin Beech 18, Bob Carlton SubSonex MicroJet, AeroShell Aerobatic Team, GEICO Skytypers, Bill Stein Edge 540, David Martin CAP 232, Jim Peitz Aerobatic Bonanza, Josh Boudreaux RV-8 Wild Blue Rodeo, Kevin Coleman Extra 300SHP, Kirby Chambliss Edge 540, Mike Goulian Extra 330SC, Nathan Hammond Ghostwriter, Patty Wagstaff Extra 300S, Rob Holland MXS, Skip Stewart "Prometheus", Vicky Benzing PT-17 Stearman, Red Bull Helicopter Franklin's Flying Circus, Gene Soucy "Showcat", YAK110, Red Bull Air Force jump team, RAD Aerosports Jet Waco

July 9-11 Geneseo Airshow Standby for 2021 <https://nationalwarplanemuseum.com/airshow/>

August 13 - 15 Greenwood Lake Airshow Greenwood Lake Airport, West Milford, NJ
<http://www.greenwoodlakeairshow.com/performers/>

August 14 - 15 Westfield International Air Show, Barnes ANGB, Westfield, MA
USAF Thunderbirds <https://www.westfieldairshow.org/> **Canceled**

August 21 Goodspeed Airport in East Haddam is planning a "fly-in" for the weekend for, more information on the Goodspeed Fly-In, visit: <https://www.youngpilots.org/42bflyin>

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August 28 - 29 New York Air Show, Stewart Int'l Airport, Newburgh, NY
<https://airshowny.com>

September 4 - 5 Cape Cod Airshow & Open House, JB Cape Cod, Buzzards Bay, MA
US Navy Blue Angels

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.

B&C 60 amp alternator. Less than 250 hours, works great. \$175.

Mark Scott (mwscott2@comcast.net)

David Clark headset H10-30 (factory restored) \$150

Please contact Barry directly at his email here: bstoner1940@gmail.com



For sale: three Tempest AA48110-2 spin-on oil filters. They sell for \$25.50 at Aircraft Spruce. \$20 each.

Rick Beebe. rick@beebe.org.

[Reminder Chapter Dues for 2021](#)

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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"
