

EAA Chapter 27 Newsletter June 2021

<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 June 27th
Hangar E2
(Central Ramp)
10:00 am

Dave Rich will discuss his lessons learned and interesting experiences purchasing his Glastar homebuilt.



EAA Chapter 27 Newsletter June 2021

President's Message

Great flying weather is here. I hope you are making the best of it. I am going on a flying trip with my son to Idaho and Montana this month. I expect to be away on our meeting date of the 27th of this month so Dave Rich will be running the meeting. Please note the 27th is a week after our normal third Sunday of the month so we do not conflict with Father's Day activities.

Dave Rich had an interesting and informative adventure purchasing his Glastar. If you are thinking about purchasing a homebuilt I highly recommend you hear his presentation.

Meeting Minutes

May 16, 2021 Meeting Minutes

President Mark Scott called the meeting to order at 10:06. Other officers present: Vice President Dave Rich; Treasurer Bill Jagoda, and Secretary Rick Beebe. There were 33 attendees.

Treasurer's report: \$3390.76. 2021 Dues are due. If you have not paid yet, please fill out the membership form and send to Bill Jagoda.

Tech report. Mark Scott talked about troubleshooting a flakey GPS which turned out to be a very small nick in a shielded wire.

Brian Rechtiene is retiring as our Young Eagle coordinator. Thanks for a job well done! Donna Shea is taking over the task. Welcome Donna! Our next rally is June 12 with a rain date of June 27. 9am to 3pm.

We have two applicants for the Ray Scholars program They will get interviewed after the meeting and our chapter choice will be announced soon.

The airport and our chapter hosted two sessions of Meriden Boys and Girls clubs giving an airport tour and letting the kids sitting in several planes. Thanks to everyone who helped out. Both events were a great success.

Reminder that the airport will be closed in late summer for repaving. Tilcon-Tomasso was awarded the contract. The first planning meeting is coming soon and the exact dates will be narrowed down soon.

Our airport day last month was a great success. Thank you to everyone who participated. Jose and his family get the award for collecting the most garbage. Thanks!

EAA Chapter 27 Newsletter June 2021

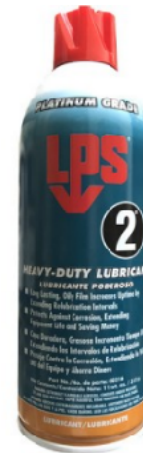
Mark and Dave flew up to Crow Island, a grass strip outside of Boston for a pancake breakfast. It was Dave's first excursion with his new tail wheel plane onto a grass strip.

Doug Dingoli gave a great presentation on what it takes to become an airline pilot, especially focused on training. He's a pilot for Jet Blue.

Next meeting is June 27, pushed back a week for Father's Day

Tech Tip

It is important to keep your controls lubricated. The best stuff for that is LPS-2 spray. It provides a nondrying, light, oily film. It is particularly good for airplanes because it lasts a full year. You only have to apply it at your annual inspection. Typically, WD-40 dries out after a couple months. LPS-2 is a foaming penetrating spray. It seeks its way into small cracks and gaps. That means it gets into pins, bolts, and bearings with a light surface spray. It also inhibits corrosion. It is safe on paint and most plastics and the spray valve allows spraying in any position.



Chapter 27

The girls from the Boys and Girls club got their tour May 13th. Though not as many they were equally enthusiastic



EAA Chapter 27 Newsletter June 2021

Young Eagles

Another great Young Eagles rally! The weather wasn't the best at the beginning of the rally but soon enough the showers stopped, the ceiling lifted and Young Eagles took to the sky. Many thanks to Donna who organized the event, the ground support personnel and the pilots who at the end of the day flew 40 Young Eagles.



Dave Rich and Young Eagle in flight

Ray Aviation Scholar 2021

CJ has been approved by EAA as our Ray Aviation Scholarship award recipient. We will now meet with CJ, his parents and his flight instructor to go over the requirements from each entity for the success of the program. CJ has already begun his training and has flown about 5 hours. CJ and his father were at the recent Young Eagles rally supporting our efforts. Looking forward to another successful program supported by EAA and EAA Chapter 27.

tspitler@gmail.com 860-338-3693.

EAA Chapter 27 Newsletter June 2021

Airplane Build Project

The Hatz Classic: Fuselage Layout

By
Doug Dringoli

Now that the welding fixture table is complete (May 2021 issue), the laying out of the fuselage can begin. I began by stretching a length of mason line down the length of the table, raised slightly to produce a small space beneath it. I then stood a machinist square on the table and brought it to bear slightly against the line. A small hash mark was placed on the table at the base of the square, using this method about every two feet. Once the marks were connected with a straight edge, my centerline was drawn. The construction method I chose for the Hatz was to build the top of the fuselage, then the bottom. The top will then be suspended over the bottom and the remaining cross members filled in to create the final shape of the fuselage.

I proceeded to transfer all the station lines (lines perpendicular to the centerline) for the top of the fuselage, from the plans, to the table in full scale dimension. Once those were laid in pencil, the tubing centerlines were created for the longerons and associated cross members.



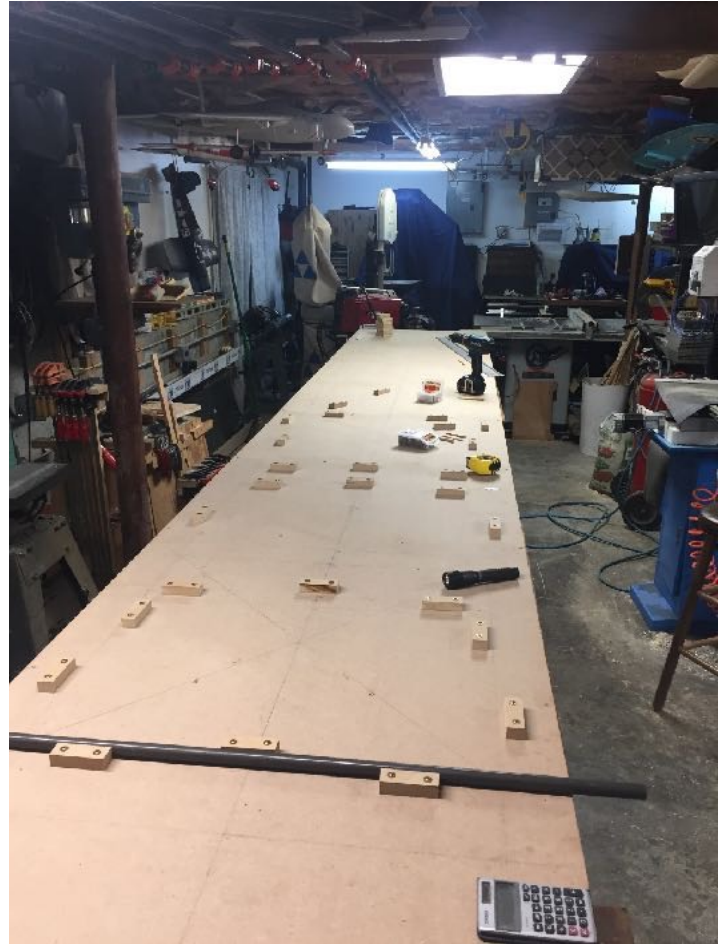
EAA Chapter 27 Newsletter June 2021

Once all the centerlines were on the table, my next job was to cut many 1x3x3/4" blocks from the remaining MDF left over from trimming the tabletop. These blocks will be used to locate the lengths of steel tube in reference to their respective centerlines in preparation for tack welding.

The blocks are screwed to the table after being offset from the tube centerlines using a piece of wood half the diameter of its associated tubing. There were a few pieces of wood cut given the fuselage is constructed of 3/4, 5/8 and 1/2 in. tubing.

That's all for now.

-Doug Dringoli



MMK



The Swift that had its' tail wheel sunk in the pavement and had birds nests through out is on its' way to the Swift Museum that is located at the McMinn County airport (KMMI) in Athens, Tennessee approximately 60 miles southwest of Knoxville.

EAA Chapter 27 Newsletter June 2021

FAA Airport Improvement Project notice to 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

Spirit of Meriden Flight Club

The club is up to nine members now. We expect a full roster of 10 before much longer. We have one primary student, another transitioning from a helicopter to airplane license, and another working on upgrading his sport pilot license to a full private license.

EAA Chapter 27 Newsletter June 2021

The airplane underwent its first annual conditional inspection in May after 250 hrs of flight time. Everything went well. We had to replace the nose gear leg and wheel fork per a Van's Aircraft service bulletin. It took all day but we got it done. Our A&P Greg Delp did a great job and helped us make a number of minor improvements. Almost all the club members participated and learned a lot about the process.



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.

EAA Chapter 27 Newsletter June 2021

Summer Camp



The poster for ACE Academy Summer Camp features a dark red background with a pattern of dark, overlapping circles. At the top, the title "An Aviation Career Education Summer Camp" is written in yellow, with the words "Aviation", "Career", and "Education" highlighted in yellow boxes. Below this, "ACE ACADEMY" is written in large, blue, block letters. To the left of the title is a small image of a model airplane on a runway, and to the right is a small image of a jet airplane in flight. The dates "July 19-23, 2021", "August 2-6, 2021", and "August 9-13, 2021" are listed in yellow. Below the dates, the sponsors are listed: "Sponsored by FAA, Mystic Jet Center LLC, and Coastal Air Inc. at Groton/New London Airport in Southeastern Connecticut". A yellow starburst graphic on the right contains the text "For more info: 860 984-6575". In the center, "Sign Up Now!!!!" is written in red, with the website "www.aerospaceadventurers.com" and "(mail in registration only)" below it. At the bottom, a paragraph describes the activities: "Build and test models, take unique field trips, meet aerospace career professionals, and take real flights."

An Aviation Career Education
Summer Camp

ACE ACADEMY

July 19-23, 2021
August 2-6, 2021
August 9-13, 2021

Sponsored by FAA, Mystic Jet Center LLC,
and Coastal Air Inc. at Groton/New London Airport
in Southeastern Connecticut

For kids
entering
grades 6-9

Sign Up Now!!!!
www.aerospaceadventurers.com
(mail in registration only)

For more info:
860 984-6575

Build and test models, take unique field trips,
meet aerospace career professionals, and take
real flights.

The 99's will be helping out at the camp and sponsoring a female camper.

LAPTOP NEEDED to run flight simulator for an FAA sponsored ACE Camp summer camp program for the youth at Groton Airport. Laptop needs a disk drive and system 10.

Please contact Stuart Sharack at sharack@aol.com.

EAA Chapter 27 Newsletter June 2021

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

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/>

EAA Chapter 27 Newsletter June 2021

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/ea324/>

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>

June 23-27, 2021 CAF Air Power History Tour - Rides and Tours

Nashua, New Hampshire Boire Field Airport

B-29 Superfortress *FIFI*, P51 Mustang *Gunfighter*, T-6 Texan, Boeing Stearman PT-13
<https://www.airpowersquadron.org/nashua-newhampshire>

July 9-11 Geneseo Airshow 2021

Performers- Greg Koontz Airshows, The Alabama Boys, Misty Blues Sky Diving Team, Rick Volker, Scott Yoak P-51 "Quick Silver, F22 Raptor, US Airfare Heritage Flight, Theresa Eamon, Skip Hyle, CHAA Formation Team, C47 Whiskey, CK47 "Luck of the Irish", FG-1 (F4U Corsair), BT13, C45, Liaison Aircraft, World War 1 Replica, C130 Skibird, KC135

<https://nationalwarplanemuseum.com/airshow/>

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

EAA Chapter 27 Newsletter June 2021

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>

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.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)

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.

EAA Chapter 27 Newsletter June 2021

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:

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"
