

EAA Chapter 27 Newsletter April 2021

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

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

Our Web Site: www.eaa27.org



**Next Meeting March 18th
Hangar E2 (central ramp)
10:00 am**

**Mark Scott will discuss the basics of making avionics
and antenna wire connections**



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President's Message

The airport is looking better all the time. The weather is getting nice and it is time for our annual airport clean-up day. It will be after the chapter meeting on Sunday April 18th. Many hands make light work. In two hours with a lot of people we can do a great job. The plan is to pick up trash on the airport and around the fence. Raking is needed in some areas by the new hangars. There is also a big hole in the pavement by the south gate that needs gravel. Please bring rakes, shovels, and work gloves. We will start at noon.

Meeting Minutes

March 21, 2021

President Mark Scott called the meeting to order at 10:35. Other officers present: Secretary Rick Beebe. Vice President Dave Rich is in Georgia doing a pre-buy inspection on a Glastar he's interested in purchasing. The meeting was via Zoom and there were 13 attendees.

Dues for 2021 were due in January. If you haven't paid yet, please send \$20 to Bill Jagoda. There's a membership form under the "Join Us" link on the chapter website.

At the moment, our Young Eagle rally is still scheduled for June 12. We'll make a final decision next month, pending the COVID situation, on whether to have it or delay it.

Ray Scholarship: We've been notified we are eligible to put forward another Ray Scholar. The program gives a \$10,000 grant for pilot training to a young person. The program requires the chapter to mentor the student through their training. We will be accepting applications soon. We have until October 31 to select a candidate. Bryce Wiekrykas was our candidate last year and he did complete his pilot training. He has recently been accepted to the Air Force Academy.

Mark talked to a person named Luke Egan who is trying to start an EAA Chapter at Westchester airport.

The Spirit of Meriden Flight Club is going strong.

Airport cleanup day will be April 18th. We'll spend a couple hours after the April meeting. Please plan to stay and help.

The MMK Tetrahedron has broken. The shaft sheared off, probably from metal fatigue. Doug Dringoli is going to see about repairing it.

We have a new grill for our cookout activities.

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Mark Scott did his presentation on the Teen to Flight RV-12 build to Supercub club. They, in turn, recorded it and posted it on youtube. The link is on their website: <https://www.supercub.org/HDHP/>

Presentation: Bill Barry is an Air Force Academy graduate who retired as chief historian of NASA. He gave a fascinating presentation on "10 things you didn't know about the NACA." The National Advisory Committee on Aeronautics was founded in 1915 and did amazing amounts of aeronautical research until it was converted into NASA in the late 1950's. Their contributions to airfoils, plane design and even spaceship design are vital to us even today.

--Rick Beebe, Secretary

Tech Tip

Radio interference is a common problem with new installations and I had one with my new wing mounted COM antenna. When transmitting my engine temperatures and AMP Meter would fluctuate. The problem was traced to unshielded cable leading to the antenna connection. This type of antenna (RAMI AV-534) uses solder lug connectors. This presents a short length of unshielded center connector. It appears this section of wire was radiating and creating interference. The Bob Nuckolls book on electrical systems, and highly recommended for builders, discusses potential issues like this with these kinds of antennas. I switched to a Comant COM antenna with a standard BNC connector and it works fine now. We replaced the same AV-534 antenna in our RV-7A with a RAMI AV-535 BNC connector antenna and our autopilot interference was eliminated. (Mark)



RAMI AV-534

Chapter 27

Member Doug Dringoli did a great job fixing the airport tetrahedron. The pivot shaft was snapped. We were able to remove the fittings and he took them to his shop. He purchased a trailer wheel bearing assembly and modified it to fit the tetrahedron. We reinstalled it a couple weeks ago. It moves better than ever now. Thanks for stepping up Doug! The tetrahedron is in need of another paint job. The vertical tail is bent too. It would be nice to fix that. It looks like it could be done with a splice. If you are interested in working on it let me know (Mark)

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Congratulations to Dave Rich on his recent Glas-tar purchase. He learned quite a bit about Glastars and the inspection process. Members Rick Beebe and Andy Roberts with their respective Glastar and Sportsman experience were very helpful. Hopefully Dave will give a talk about his experience at a future meeting.



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Jim Simmons sells his Mooney

As many of you already know, I have recently completed the sale on my 1987 Mooney 205. The new owner will be flying it out of Kissimmee Airport in Florida.

I have consistently maintained a close relationship with EAA Chapter 27, including serving 15 years as its President. I have formed many close relationships with chapter members, aircraft owners and airport management.

I have enjoyed 44 years of flying out of Meriden Airport. During that early 80's, I had flown as a member of the Silver City Flying Club. I have also built and flown 3 different home built aircraft and for the past 14 years I've enjoyed flying my Mooney. However time marches on and I have opted to end my flying adventures.

Betty and I are currently considering relocating to Florida and we plan to do some traveling as well.

Thanks for the great memories as we look forward to a new chapter in our lives.

Jim and Betty Simmons

Young Eagles / Ray Aviation Scholar 2021

Having been awarded the Ray Aviation Scholarship for 2020-21 we are now in the process of accepting applications for the scholarship. We will be receiving those applications through the end of the month. At that point we will review those applications and select our candidate to submit to EAA for approval. If you know an interested candidate, please obtain an application form from Tom Spitler, Donna Shea or Mark.

Requirements are:

16-19 years of age

Possession of Student pilot certificate

Student Pilot Medical

Begin training within 60 days of award of scholarship

Commit to two hours/month of chapter volunteer service

Compete training in 12 months.

This is not a scholarship that we should be posting up. We are looking for candidates that we have seen around the airport or we have a relationship with. This gives us a better chance of our applicant obtaining a private pilots license. EAA is looking for a 90% success rate for the program.

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We were able to help Bryce Wiekrykas obtain his private pilots license last year and we can also announce if you have not heard already Bryce was accepted at the Air Force Academy.

Should you have any questions please contact Tom Spitler at tspitler@gmail.com 860-338-3693.

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

Spirit of Meriden Flight Club

Not much to report other than the airplane remains active and we have interest from new potential members. The prop was balanced and found to need very minor adjustment. (Mark)

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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.

New England Air Museum

The museum has shifted to its winter hours. From Labor Day to Memorial Day we are open Tuesday through Sunday from 10:00am-3:00pm.

Updates to Exhibit Hangars:

The museum has upgraded its HVAC systems to allow for improved ventilation and air circulation. Our exhibit hangar doors have closed for the season and our fully heated/air-conditioned hangars offer visitors over 90,000 square feet of aircraft and exhibits to explore. Additional aircraft will be available for viewing in our three-acre outdoor grounds pending weather conditions.

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Updated Exhibits and New Aircraft on Display:

Our Sikorsky CH-54B Tarhe Cargo Box Exhibit and computer flight simulators have reopened and both exhibits have been modified to allow for social distancing. We have also brought additional aircraft into the exhibit hangars including the Grumman F-14B Tomcat, the Stearman PT-17 Kaydet, and the Ryan Aeronautical Company PT-22A Recruit, as well as the Burnelli CBY-3. <https://www.neam.org/shell.php?page=exhibits>

Family Programs:

Our [Flights of Fun Family Programs](#) continue to offer social distanced activities for families on Saturdays and Sundays including Flight Science Demonstrations, the Investigation Station, and take-home versions of our popular Build and Fly Challenges. Additional activities include QR Code Tours, Scavenger Hunts, and opportunities for visitors to peek inside select aircraft cockpits. All programs are included with general admission.

There is reduced capacity, increased cleaning and sanitation, and face mask coverings.

The Kosciuszko Squadron

The New England Air Museum, one of the largest aviation museums in the country, has teamed up with the internationally acclaimed Polish Studies Program at Central Connecticut State University, to create and permanently display a multimedia exhibit paying tribute to the Kosciuszko Squadron. This project, dedicated to heroism and sacrifice, is expected to open **May 3, 2021** on the anniversary of Poland's Constitution. You can learn more [HERE](#).



<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/ea324/>

2021 Aviation Events

April 13 - 18 Sun 'n Fun Fly-In, Lakeland Linder Regional Airport, Lakeland, FL
<https://www.sun-n-fun.org/>

U.S. Navy Blue Angels, F-22 Raptor Demonstration Team, U.S. Navy Parachute Team Leap Frogs, SOCOM Para-Commandos, USAF Heritage Flight, USASOC Parachute Demonstration Team Black Daggers, AeroShell Aerobatic Team, Alabama Boys by Greg Koontz Airshows, Cavanaugh Flight Museum, Class of '45, Dougherty Airshows, ExtremeFlight, fly Jive fly, LLC - Jerry Kerby, Gary Ward Airshows, Great Lakes Drone Company, Jacquie B Airshows, Jim Peitz Aerosports, Inc., Jim Tobul Airshows, Kevin Coleman Aerosports, Lucas Oil Airshows and Michael Wiskus, Manfred Radius Airshows, Mike Goulian Airshows, Patty Wagstaff Airshows, Inc., Quick Silver P-51 Airshows, Rag Wings & Radials Vintage Aircraft, Rob Holland Ultimate Airshows, LLC, Rower Airshows, Stallion 51 Corp, Thom Richard's P-40 Warhawk American Dream, Vertigo Airshows

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

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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>

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)

REDDY HEATER 115,000 BTU Torpedo heater. \$50

Runs fine but occasionally shuts down and must be re-set.

Jim Simmons (203) 272-9346



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Stratus 2S ADSB receiver for Foreflight For Sale. Asking \$200

Stratus 2S deliver subscription-free weather, dual-band ADS-B traffic and WAAS GPS information to your ForeFlight Mobile app, but the built-in AHRS technology also drives a very responsive pitch and bank instrument in the center of the Synthetic Vision view on ForeFlight. Synthetic Vision provides luminous terrain, night sky view and a brilliant obstacle awareness system, making AHRS an excellent backup for emergency situations. Stratus 2S is wireless with an 8-hour battery life. It comes equipped with Stratus Replay (a feature that enables the device to store weather information even when your iPad is asleep), a pressure altitude sensor, and a built-in flight data recorder (for replaying your flights using Google Earth or CloudAhoy). The kit includes a charging cable and 110V wall plug



Jim Simmons (203) 272-9346

'RUGGED RADIOS' brand aviation headset. Like new condition \$50

Features: Carbon Fiber Style Finish, Dual cone audio speakers, Military grade M101 dynamic mic., Long lasting polyurethane ear seals, Stainless steel headband, Deluxe comfort head pad, Easy to use volume control.

Jim Simmons (203) 272-9346



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Large wooden Hangar Storage Box. FREE to EAA Chapter 27 member

Measures approximately 2' high, 3' deep by 8' long.

Jim Simmons (203) 272-9346



YAESU FTA-550 Handheld Aviation Transceiver For Sale Like New Condition \$100

FTA-550 Features:

- 5 Watts TX Output Power (Airband: AM 5W P.E.P. type, 1.5W carrier)
- Huge 1.7" x 1.7" Full Dot Matrix display (160 x 160 Dots)
- VOR/LOC Navigation Display
- NOAA Weather Channel receive*
- NOAA Weather Alert*
- 200 Memory Channels with 15 alphanumeric characters
- Back-lit Keypad and display with dimmer
- Water Protection - IPX5 Rating
- Loud Audio (800 mW)

FTA-550 Comes supplied with Li-Ion battery, 110V charger with cradle, Antenna

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Automotive Ramps - Free to EAA Chapter 27 member

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Aircraft Tie Downs with ropes and bag. \$10

Jim Simmons (203) 272-9346



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Plane build items for sale:



New/unused London & Associates Heat Muff and Fire-wall Airbox with Valve

Various lengths of two inch air hose, both high temp and low temp

A “non airworthy” beautiful maple propellor made with about 30 laminations (now a decorative piece.)

12 volt Prestolite starter P/N MZ-4222

12 Volt Delco Remy 50 amp generator with voltage regulator

Medallion Air Compressor 6 HP 125 psi 30 gal 11.5 SCFM @ 40 psi. 9 SCFM @ 90 psi

Adel Clamps (various sizes)

AN HDW, various nuts, bolts, rivets

Steel sheet 0.040 x 24 x 48 inches (carbon steel)

Large Torque Wrench 200 ft pound maximum with 1 ft pound increments (ratcheting type)

Tube Bending Tools

Number and Letter metal imprinting set.

Various aluminum pieces

Piper Cherokee battery charging cable

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

[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"
