

EAA Chapter 27 Newsletter February 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 February 21st
Virtual Meeting
10:30 am**

**Our presenter will be Drew Lyons, the Connecticut Liaison
for the Recreational Aircraft Foundation.**



Via Zoom: <https://us02web.zoom.us/j/83363736604>

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President's Message

It is nice to get good press once in a while. If you followed Arvy the Pelican rescue and subsequent flight to Florida you saw the chapter and Spirit of Meriden Flight Club were mentioned a few times. Pilots and new Chapter members Laurie and Arianna Strand will be giving a presentation on their trip in the near future. It feels good to use our planes and people for community benefit. Hopefully we can resume our Young Eagle flights in June and use our new grill!

Tech Tip

A tip from Lycoming "Frequency of Flight and its Effect on the Engine." It explains how at teardown rust and corrosion are often found, the harm that can be done running an engine on the ground to try to prevent rust and corrosion, and how pulling an engine through by hand is not recommended because it can cause increased wear. Service letter L180 is referenced for engine preservation for active and stored aircraft. [https://www.lycoming.com/content/frequency-flight-and-its-affect-engine\(lycoming.com\)](https://www.lycoming.com/content/frequency-flight-and-its-affect-engine(lycoming.com))

Chapter 27

Dave Rich gave a briefing to Chapter 166 on our teens to flight program and establishment of the Spirit of Meriden Flight club. They are thinking about setting up a club with their RV-12 when completed.

Mark Scott will be giving a presentation on seaplane flying on February 17th. On March 10th and 17th, he will make presentations on the Teens to Flight Program. Meeting links will be e-mailed to the chapter for each meeting.

Spirit of Meriden Flight Club

The Club RV-12 has over 170 hours now. Not much to report other than people are enjoying the airplane. We have one new member who will join in a couple months or so. (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.

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Ray Aviation Scholar 2021

There is no recent news on the Ray Aviation Scholar for 2021. Our application has been submitted and we should be receiving notice any day now on whether we have been selected to submit a candidate for acceptance by EAA for the scholarship.

We will be creating an application that potential scholars can complete and submit to our chapter for consideration for the scholarship. We will create a committee to review those applications and select our scholar to submit to EAA.

So now we must wait for the decision but in the meantime please think about potential young people who might be interested in applying for the scholarship. The candidate should be between 15-19 years of age. He must possess a FAA medical certificate and be able to begin flight training within 60 days of accepting the award.

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

Airworthiness Directives

Piper ADs

Two ADs pertaining to Piper Airplanes have recently been released, one in November AD 2020-24-05 and in January AD 2020-26-16. Notice number NOTC 1681 from the FAA Safety team helps to clarify which Piper models are affected and what actions have to be taken. NOTC 1681 <<https://faasafety.gov/SPANS/noticeView.aspx?nid=11681>> (<https://faasafety.gov>)

AD 2020-24-05

<<https://www.federalregister.gov/documents/2020/11/23/2020-25690/airworthiness-directives-piper-aircraft-inc-airplanes>>
(<https://www.federalregister.gov>)

AD 2020-26-16

<<https://www.federalregister.gov/documents/2021/01/15/2021-00044/airworthiness-directives-piper-aircraft-inc-airplanes>>
(<https://www.federalregister.gov>)

Plane and Pilot article: “An AD From Hell On Piper PA-28s” (AD202-26-16)

<<https://www.planeandpilotmag.com/news/the-latest/2021/01/22/an-ad-from-hell-on-piper-pa-28s/>>

Podcast with John Goglia and Greg Feith Former NTSB 100 years experience

<https://flightsafetydetectives.com/episode-50-piper-wing-spar-corrosion-examined/>

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MMK

Snow and more snow, MMK has definitely had its' share of snow and has been doing a terrific job of clearing it. The runway has been opened later that day after the snow or the very next day. Those few really cold days in between snow falls have been beautiful days to fly with great performance.



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.

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.

Women Take Flight 2021

Join the New England Air Museum in commemorating Women's History Month with *Women Take Flight 2021*, a month-long celebration of the past, present, and future of women in aerospace. With a combination of virtual and in-person experiences, this year's Women Take Flight event features something for everyone!



In-Person Experiences:

Women Take Flight offers opportunities for visitors to discover the history of New England women in aerospace by connecting one-on-one with women employed in the aviation industry. This year we're offering the following social-distanced, in-person experiences for museum visitors as part of *Women Take Flight 2021*. All activities are included with general admission and are subject to change.

[Flights of Fun Family Programs:](#)
Every Saturday and Sunday

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Every Saturday and Sunday in March from 10:30am-2:30pm join the museum's Public Programs team for women in aerospace themed scavenger hunts, Flight Science Demonstrations, as well as take-home versions of our popular Build and Fly Challenges.

- March 6, 2021: **Kristi Fleischmann**, Managing Director, Acrojet Aerospace Solutions
- March 13, 2021: TBA
- March 20, 2021: **Peggy Loeffler**, CFI-I, AGI, DPE Chief Flight Instructor and Kathy Wadsworth, Aeronaut
- March 27, 2021: **MSgt. Dana Willette**, 337th Air Lift Flight Engineer, 439th Air Wing Flying Safety NCO

Women in Aerospace Chats:

Saturday March 6, March 13, March 20, and March 27, 2021

Join us every Saturday in March from 10:30am-12:30pm for an opportunity to meet a local woman in aviation. From pilots to engineers to aerospace industry professionals, we'll have a special guest onsite each Saturday for social distanced chats with visitors on a drop-in basis.

Virtual Experiences:

Saturday March 6

Join us on Saturday March 6, 2021 for the launch of Women Take Flight 2021: Virtual, a special event website including videos from prior Women Take Flight keynote speakers as well as links to Women Take Flight Virtual exhibitors including the Connecticut Airport Authority, the New England Section of the 99s, Pratt and Whitney, and more. Featured *Women Take Flight 2021* Virtual video contributors include:

- **Colleen D'Allessandro**, New England Regional Administrator, FAA
- **Melissa Mathiason**, Test Pilot, Sikorsky Aircraft Lockheed Martin
- **Commander Rebecca J. Waddington**, Commissioned Officer/Pilot, NOAA Corps
- **Shaesta Waiz**, President and Founder, Dream Soar
- **Sikorsky Aircraft Lockheed Martin**

Check back for updates to our Women Take Flight 2021 special event website contributors.

In the meantime, we encourage you to participate in *Women Take Flight 2021* through these virtual women in aerospace themed activities, events, and programs:

- Stream the Women Take Flight 2019 Event Video: [New England Air Museum Women Take Flight](#)
- Click [HERE](#) to learn about our upcoming New England Women in Aviation Exhibit
- Click [HERE](#) to visit our Aerospace Education Resources Portal
- Participate in the Pink Paper Plane Challenge as part of Women in Aviation Worldwide Week: <https://womenofaviationweek.org/>
- Download the Women in Aviation International Girls in Aviation App: <https://www.core-apps.com/dl/wai>
- Click [HERE](#) to discover the history of New England aviation

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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/>

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

Geneseo Airshow Standby for 2021 <https://nationalwarplanemuseum.com/airshow/>

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

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**

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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)

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

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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

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"