

EAA Chapter 27 Newsletter January 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



President's Message

Though the winter months may not be terribly warm they do offer some spectacular flying if you pick your days right. Flying in less than ideal weather provides a challenge to sharpen your decision making, navigation, and airmanship skills.

For example, when is the last time you flew under 2000 ft ceilings? It is plenty safe as long as the weather is forecast to remain such or improve and you do not venture to far away. When the sun and conditions are right you can get some spectacular views. See the pictures below I took late last year. The first one was mid-afternoon with about a 50% cloud cover. You often get great sun streaks through the breaks. The second was late afternoon. It was mostly overcast. The sun started to set under the clouds and cast stunning shadows as I flew down the Connecticut river. The picture does not do it justice. The hills were absolutely golden.

Another good experience is flying over a heavy scattered or broken layer. Again, if you know there are scattered or better skies within a short distance and there is adequate cloud clearance above the ground it is a good experience to fly over the layer and get some confidence identifying holes by the different colors and shapes in the clouds. The third picture is a good example of how there can be a local overcast with clear area around it. So, I encourage you to get out there and try some new conditions in a preplanned safe manner. It will be very valuable should you be on a trip and confront unexpected adverse conditions that are still flyable.

EAA Chapter 27 Newsletter January 2021



EAA Chapter 27 Newsletter January 2021



Tech Counselor Tip

In the winter cold we often notice our planes controls' get stiff. One place the stiffness is often noticed is when manually turning the trim wheel for a horizontal stabilator. Some may feel the stiffness in other flight controls. The likely cause is often the lack of lubrication on the control cables. There are many different lubricants on the market but one recommended is LUBRIPLATE No.105 part no. L00340-004. Another cable you don't want to forget is the RPM cable.



EAA Chapter 27 Newsletter January 2021



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 January 2021

Spirit of Meriden Flight Club

The Club RV-12 has over 150 hours now. Not much to report other than people are enjoying the airplane. John Baileshiki has been flying with a lot with his young son. Don't be fooled by the picture, his son is actually quite enthusiastic about flying! We still have four membership positions open. Hopefully we will fill this in the spring when people think more about flying and maybe COVID-19 restrictions ease. (Mark)



Young Eagles

We purchased a new Weber grill with our Young Eagles credits. We are looking forward to using it at our picnics and Young Eagle rallies.

EAA Chapter 27 Newsletter January 2021

Teens to Flight Program

The Connecticut Technical Education and Career System newsletter ran a little blurb about our RV-12 program. Nice to see a little more notoriety.



STUDENT BUILT AIRPLANE TAKES FLIGHT

Several years ago, under the guidance of the Meriden Chapter of Experimental Aircraft Association (EAA), H.C. Wilcox Technical High School students accepted the challenge of building an actual airplane.

The Vans RV-12 initially took flight in May 2020 and the students' accomplishment was celebrated publically at a press conference this August at the Meriden Markham Airport.

The aircraft, which took approximately four and a half years to build, was part of EAA's Teens to Flight Program. The students built nearly 95 percent of the plane with adults watching.

Every Monday and one weekend day a week, students met at a building at the municipal airport that the city allowed them to use.

"When they first came in, some of the kids didn't even know how to hold a file or drill correctly," said the students' advisor, Mark Scott of the EAA's Meriden Chapter. "They couldn't read plans and, as they went, you could see they were getting more and more confident."

Wilcox Tech students from many trades participated in the project, including Electronics, Plumbing, and Graphics. Building tasks included wiring, the engine build and affixing the wings.

WHAT'S INSIDE

PAGE 2

CTECS Celebrates Alumni Success, First Vet Tech Program Opens in CT Tech School, CTECS Redeploys Resources in COVID-19 Fight

PAGE 3

Tech Schools Push for Hands-On Opportunities Despite Pandemic, Student Wins National Sustainable Architecture Competition

PAGE 4

Students To Earn FAA License for Search and Rescue Assistance, Accepting Applications for Fall 2021 Class

EAA Chapter 27 Newsletter January 2021

Ray Aviation Scholar 2021

There is no recent news on the Ray Aviation Scholar for 2021. Our application has been submitted and they will be reviewing our application at the beginning of February and by the end of February they will let us know 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.

Chapter 27

Mark Scott will be giving a presentation on his three-week Alaska adventure January 25th at 7 pm to another chapter. Our members are welcome to join in. He will be sending out meeting links. Watch your e-mails.

One of our black hanging chapter signs below the airport street sign blew off in a recent storm. We were going to replace it but there have been complaints that the signs block the view of oncoming traffic to the left as you pull out. I checked and it is true, they were perfectly blocking the view. We are looking for a new position on the sign or somewhere else.

MMK

The airport is scheduled for repaving late next year. I know it is a ways off but the airport will be closed for two weeks or so. If you want to fly you will have to temporarily base elsewhere. Constance is calling around to see what may be available in the time frame.

EAA Chapter 27 Newsletter January 2021

Homebuilders Week - Online Event Starts January 26

An online opportunity to learn about all aspects of building your own aircraft

By Charlie Becker, EAA Homebuilt Community Manager

EAA is launching a new online learning event for aircraft builders: (www.EAA.org/HomebuildersWeek). It will be five straight days of educational forums covering a broad spectrum of aircraft building topics. It will launch on Tuesday, January 26, 2021, and run until Saturday, January 30, 2021. The live online presentations will be open to everyone interested in building their own aircraft. Sessions will start at 1 p.m. CST and run until 8:30 p.m. CST daily.

This event is an opportunity for a new person to jump in with both feet and learn a lot about the wonderful world of homebuilding. We will cover areas like getting started successfully and techniques when building with sheet metal, composites, steel, and wood. But it won't be just for the newbie; we are offering in-depth talks on panel planning, engine selection, FAA certification, flight testing, and selling a homebuilt aircraft. There will be something for every builder, whether you are just starting out, knee deep in a project, or just received your airworthiness certificate — it is going to be a great learning opportunity.



EAA is working with industry experts, kit manufacturers, and other subject matter experts to provide top-notch material for builders. The sessions will be live and allow plenty of time for attendee questions. Recordings will be archived and available to EAA members for review.

The launch of EAA Homebuilders Week coincides with the 68th anniversary of the founding of the Experimental Aircraft Association in 1953. Those founding members of EAA lit the fuse on the homebuilt movement that provides affordable access to aircraft ownership and today has spread worldwide.

EAA Homebuilders Week is possible through the generous sponsorships of Aircraft Spruce & Specialty Co., Dynon, Scheme Designers, Inc., and Van's Aircraft, Inc.

Visit EAA.org/HomebuildersWeek to review the schedule and sign up for a session.

EAA Chapter 27 Newsletter January 2021

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.

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.

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/>

EAA Chapter 27 Newsletter January 2021

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.

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

July 26 - August 1 EAA Air Venture Oshkosh, Wisconsin

<https://www.airventure.org>

August 13 - 15 Greenwood Lake Airshow Greenwood Lake Airport, West Milford, NJ

August 14 - 15 Westfield International Air Show, Barnes ANGB, Westfield, MA

USAF Thunderbirds <https://www.westfieldairshow.org/>

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)

EAA Chapter 27 Newsletter January 2021

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

Large Tables 4'x8' and one is 4'x 10' ish. They are from an Executive jet interior refurbishing company that retooled.

Contact Mark at aeriergosum@cox.net or call him at 860-983-9348 if you're interested.

EAA Chapter 27 Newsletter January 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”