

EAA Chapter 27 Newsletter March 2020

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

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

Our Web Site: www.eaa27.org



Next meeting March 15th 10:00a.m. MMK



March Presentation, Rick Beebe, How to do a Complete Panel Upgrade Without Going Crazy!

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President's Message

A great milestone was passed on Feb 29th, airplanes were moved into the new T hangars! This is a great accomplishment not only by Wilma and her team but by everyone in the Chapter who makes the airport valuable to the community, an educational experience place for kids, and simply a fun place to be. By the way, I am at the airport a lot and I see Wilma there every day working and negotiating with the Contractors. Constance is also still heavily involved too. We still have a ways to go. Be sure to give them encouragement when you see them.

There are a couple pending pieces of legislation to be aware of. The comment period on the original FAA notice of proposed rulemaking (NPRM) requiring ALL remote piloted aircraft to be registered and have a transponder on board has just ended. Yes, that means some kid who just wants to fly his model airplane would need to register it and have a beacon on board. This of course is a huge over reach. Just because we have the technology to do such does not mean it is a good idea. Though the comment period has ended you can still contact your legislators. For more FAA information go to: https://www.faa.gov/uas/research_development/remote_id/. For more information on its impact go to; <https://amablog.modelaircraft.org/amagov/2019/12/26/ama-update-on-remote-id-proposal/>.

The second is a favorable piece of Connecticut legislation to eliminate sales tax on aircraft light aircraft. This would save a considerable sum of money on expensive purchases. It would put us in line with surrounding states. It is CT house Bill 5001. For more information go to: https://www.cga.ct.gov/asp/cgabillstatus/cgabillstatus.asp?selBillType=Bill&bill_num=HB-5001 and <https://www.aopa.org/news-and-media/all-news/2020/february/20/tax-exemption-bill-could-boost-aviation-careers-in-connecticut>

A teacher once told me, no matter what your views, politics is not a spectator sport! Make your views known, write your respective legislators on these topics. They all have websites that make it easy to send an e-mail message.

Tech Counselor Tip

We are allowed to change tires on experimental's and factory-built aircraft. Having done this a few times on my own and with other people, inevitably the question arises "where do we align the valve stem?" There is a red dot near the bead which indicates the lightest spot. The tube valve stem should be aligned with the dot for the best balance. I use a little saying, "Red Needs Lead" Of course we do not use lead but that means to me it needs weight which is the stem.

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Meeting Minutes

February 16, 2020 Minutes

President Mark Scott called the meeting to order at 10:02. Other officers present: Vice President Dave Rich; Treasurer Bill Jagoda, and Secretary Rick Beebe. There were 21 attendees.

Treasurer's report. \$3895.03 in the bank

Tech counselors. Dave Rich reported that a brass fitting popped off one of the brake lines on the RV-12. There was a discussion about the brass fittings that are used on the plastic brake lines. Mike Zemsta reports that the RV-9 is flying. You now have to apply for the repairman certificate rather than it just being granted as part of the plane certification.

Andy Roberts is going to ferry a GlaStar to California. It needed ADS-B out so he installed a SkyBeacon on the wing. Instead of mounting it on the wingtip he mounted it on the last rib with just the antenna hanging down through the plastic wingtip. Rick Beebe talked about some of the wiring difficulties he's had installing a new panel in his plane.

Rick Beebe reports that the Navy Rhino exhibition team will be coming to AirVenture this year. Also the Canadian Snowbirds. His term on the board expires this July and he won't be running for re-election.

Mark Scott flew a Young Eagle on Saturday.

Tom Spitzer reports that EAA is evaluating chapters for the Ray Aviation Scholarships. He is fielding our application to be a mentoring chapter. We will be looking for a 16 to 19 year old applicant who's keen to learn to fly.

Hangars. Constance reports that the first bank of T-Hangars should have their certificate of occupancy this week. Then they'll move the planes out of the old T's and Quonset and tear those down.

Thanks Dave Rich for the new "shingle" signs hanging under the Meriden Airport sign.

There was a discussion about aviation insurance rates. They are going up for many pilots, especially older pilots.

Presentation: Dave Rich gave a nice presentation on Solidworks which is a 3D CAD program. While it normally costs several thousand dollars to buy, EAA members can get it for free. More information is available at

<https://eaa.org/eaa/eaa-membership/eaa-member-benefits/builder-resources/solidworks-resource-center>

--Rick Beebe, Secretary

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Teens to Flight RV-12 Build Program

We received a letter from the FAA saying there were several two small errors and a need for additional information (not originally specified) before they could send us a registration. Yes, one more time back and forth. You can't make this stuff up! We still do not have enough to form the club at this time. Please direct interested people to Mark Scott or Dave Rich.



Memberships Available

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

The club will own a newly built RV-12 which is a light sport category airplane suitable for both light sport and private pilot training.

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



We will be structured as a CT 501c(7) not for profit, non-stock corporation. Membership will assume officer roles and manage the club, 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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Chapter News

EAA Chapter 27 Selected to Submit Applicant for Ray Aviation Scholarship:

I am please to announce that EAA Chapter 27 has been approved for a 2020 Ray Aviation Scholarship. Per the email from EAA we have been selected "Due to our chapter's dedication to EAA and youth engagement."

The scholarship will provide up to \$10,000 to a deserving youth for their flight training expenses. One of the goals of the program is to create a supportive and mentoring community to increase flight training success which can be a solitary pursuit and by getting the scholar immersed in the local aviation community this will dramatically increase their success.

Our chapters role and responsibility are to identify and recommend local youth to apply for the scholarship. We are also tasked with mentoring, supporting and tracking the scholarship recipient's flight training program.

The applicant's minimum criteria are:

- Age 16-19 for powered flight training
- Possession of FAA medical certificate
- Possession of student pilot certificate
- Begin flight training within 60 days of accepting the award
- Commit to two hours per month of chapter volunteer service

According to EAA the perfect candidate should almost be too easy to identify. We all know that one young individual who takes part in aviation activities, begs mom and dad to bring them out to the airport, and is always trying to find a way to get up in the air. We should be looking for that individual.

In the next few weeks, we will create an application, form a selection committee and participate in EAA Webinars which will help us come up with the most qualified candidate. We will need the help of all members to make this a successful program. There is so much knowledge and expertise within our organization and we need to pass that on to our Ray Aviation Scholarship student.

I look forward to the opportunity that has been given to us. I know we will be successful with everyone's participation.

Tom Spittler

Donna Shea

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MMK News

Hangars

We are in! Airplanes were moved into the New T hangars the weekend of the 29th. I even saw guys on the west side had their door open, chairs set up, and were watching planes take off and land with their new view. The ramps will be leveled and paved when it gets warmer in a month or two. The old T hangars and South Quonset hangar were demolished in only two days. The office now has a great view down to the runway. The center ramp will be cleared out shortly for construction of the mid ramp box hangars and relocation of the fuel station about 150 ft south of where it is now. Constance will give us schedule updates as she gets them.



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Young Eagles

The first Young Eagles Rally will be June 14th. If anyone flies a YE please remember to send Brian a copy, or the original form so he can keep accurate records

Chapter 27 Events 2020

MMK Airport clean-up day 4/18

Young Eagles 6/14 at MMK

Chapter Picnic 9/19 at MMK

Holiday Banquet 01/09/2021 at Manor Inn Southington, CT

Other Information

Sharing Flight Expenses

The FAA released an Advisory Circular on sharing flight expenses. It seems to stem from people advertising on the internet for passengers. Below are some key elements from the FAA statement on the subject. Basically, if you are sharing direct expenses with a friend going someplace you have in common you are fine.

There has been a lot of discussion over the past several years about pilots sharing expenses for a flight, particularly if they have posted any kind of notice on the Internet about where they are going and offering to share expenses with someone else for the trip. Now, the FAA has released an Advisory Circular (AC) outlining specifically when a pilot may ask a passenger for gas money. According to the AC, private pilots operating under part 61 may not engage in common carriage unless they are operating in accordance with an Air Carrier Certificate or Operating Certificate issued under part 119. The AC offers guidance as to when that line is crossed.

In summary, Pilots may share operating expenses with passengers on a pro rata basis when those expenses involve only fuel, oil, airport expenditures, or rental fees. These exceptions are themselves further limited. In assessing whether an expense-sharing flight is properly conducted under the exception in § 61.113(c), the FAA considers whether the pilot and passengers have a common purpose and whether the pilot has held out as offering services to the public. The “common-purpose test”

anticipates that the pilot and expense-sharing passengers share a “bona fide common purpose” for their travel and the pilot has chosen the destination. Communications with passengers for a common-purpose flight are restricted to a defined and limited audience to avoid the “holding out” element of common carriage.



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Airworthiness Directives; Superior Air Parts, Inc. (SAP) Engines and Lycoming Engines Reciprocating Engines with a certain SAP Crankshaft Assembly <<https://www.federalregister.gov/documents/2020/01/29/2020-01414/airworthiness-directives-superior-air-parts-inc-sap-engines-and-lycoming-engines-reciprocating>> ([federalregister.gov](https://www.federalregister.gov))
Proposed Rule by the FAA on 1-29-2020

Five airports in Connecticut receive total of \$4.6 million in federal grants

February 19, 2020 author Doug Stewart <[fox61.com](https://www.fox61.com)>

- Tweed-New Haven - \$1,276,392 to fund runway rehabilitation and snow removal equipment.
- Bradley International - \$2,462,000 to acquire easements to clear obstructions in the aircraft approaches for runways 6 and 15.
- Igor I Sikorsky Memorial Airport - \$603,000 to fund snow removal equipment.
- Danbury Municipal - \$157,500 to fund studies of obstructions to aircraft approaches and airfield wind coverage.
- Meriden Markham Municipal - \$150,000 to fund runway rehabilitation, and the airport wildlife hazard assessment/management plan.

2019 General Aviation Survey is Open Now

WASHINGTON- The [Federal Aviation Administration's](https://www.faa.gov) (FAA) 42nd Annual General Aviation (GA) and Part 135 Activity Survey is open February 24 to July 10, 2020. This voluntary survey is distributed by mail to a representative sample of GA and on-demand Part 135 aircraft owners and operators. Survey participants may complete the survey online or by mail.

The survey estimates the size, primary use, and flight hours of the 2019 general aviation fleet. This information enables the FAA to track the success of our safety initiatives and to better serve the GA community by evaluating pilot's access to the equipment and services that they rely on to navigate and fly safely.

The survey is four pages long and takes 10 to 30 minutes to complete. Individual responses are kept confidential to the extent permitted by law. The FAA receives and publishes only data aggregated to a level where individual responses are no longer identifiable. The independent research firm, Tetra Tech, is conducting the survey on the FAA's behalf. Tetra Tech will mail out the surveys, process responses, analyze the results, and maintain custody of individual responses.

Survey results will be posted on the [public website](https://www.faa.gov/public-website) by January 2021.

If you have questions, contact the GA Survey help line, at 1-800-826-1797, or email: infoaviationsurvey@tetrattech.com or the FAA at GASurvey@faa.gov.

Friends Of Sikorsky Airport encourages all owner/operators of aircraft to fill out the General Aviation Survey. Data from the survey is used to establish and document aviation activity. The data directly contributes to FAA funding. Aircraft based at airports and hours flown are two of the drivers for airport funding. (David Faile <fosaemail@gmail.com>)

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“From the Flight Deck” is a FAA You Tube video series to help reduce surface incidents. There are short videos of various airports that focus on approach, landing and taxi scenarios at different airports. Some of the highlighted points in the videos such as hot spots, intersecting runways that can cause misidentification of landing runway, and other hazards help bring awareness to what areas of attention one should be aware of at other airports. <https://www.faa.gov/airports/runway_safety/videos/> ([FAA.gov](https://www.faa.gov/))

New England Air Museum

“Igor I. Sikorsky: The Renaissance Man”
Presented by Igor I. Sikorsky Jr. and Nicholai Sikorsky
Sunday March 22, 2020



Born in Kiev, Imperial Russia (modern day Ukraine), Igor I. Sikorsky arrived in New York in March 1919 with little money and no American connections. A century later, his company continues to be one of the world's leading aerospace corporations. Join his sons Igor and Nicholai Sikorsky as they share personal insights into their father's incredible career, from his early days in Russia to his greatest achievement, the modern helicopter.

<https://www.neam.org/shell.php?page=programs_2020_speaker_series>

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Space Expo

Saturday April 4, 2020 10:00 a.m. to 4:00 p.m.

Experience out of this world fun at the New England Air Museum's 12th annual SPACE EXPO.



Featuring Former Astronaut Susan Kilrain

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.

Lectures: 11:30 a.m. and 1:30 p.m.

Public Meet and Greet: 10:15-10:45 a.m. & 2:30-3:30 p.m.

[See Commander Kilrain's Bio](#)



NEW! Visit the Cosmic Kids Zone:

- Watch a planetarium show in an inflatable dome
- Try on a space helmet
- Build and launch a straw rocket
- Make a marshmallow constellation
- Meet life-size droids and intergalactic characters
- Create a lunar land
- Design a space mission patch
- Try the indoor "Astronaut Obstacle Course"

Click [HERE](#) to see a full event schedule. Click [HERE](#) to download a full event schedule.

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Special Guests Include:

[501st Legion - Connecticut Garrison](#)
[Aldrich Astronomical Society](#)
[Astronomical Society of Greater Hartford](#)
[CATO Rocketry Club](#)
[Collins Aerospace Systems](#)
[Danbury FIRST Robotics](#)
[International Dark Sky Association](#)
[New England R2D2 Builders Club](#)
[NOAA National Weather Service](#)
[One Giant Leap](#)
[Springfield Museums](#)
[Springfield Stars Club](#)
[Stamford Museum & Nature Center](#)
[Talcott Mountain Science Center](#)
[UConn Mechanical Engineering](#)

Breakfast with Astronaut Susan Kilrain

Saturday, April 4, 2020

8:30 a.m. - 9:30 a.m.



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.

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Tickets are \$50.00 for Museum members and \$55.00 for non-members each and includes a \$25.00 tax deductible donation in support of NEAM's aerospace educational programs. You can place an online reservation order [HERE](#).

Tickets are non-refundable and advanced registration is required. Deadline is March 30, or until we are sold out. Please contact Ron Katz, Director of Advancement and External Relations, by phone at 860-623-3305 X317, or by email rkatz@neam.org for ticket availability.

6th Annual Easter Egg Hunt & Easter Bunny Visit

Friday April 10, 2020

Hop into history with the Easter Bunny at the New England Air Museum's 6th Annual Easter Egg Hunt!

10:30 a.m. - 12:30 p.m.

Get your "Bunny Selfie" with our Easter Bunny in the SkyCrane Box

11:00 a.m. - 1:00 p.m.

The hunt is on!! Bring your baskets and collect five different colored eggs scattered around our Civil Aviation Hangar. Once you have collected your five eggs, hop over to the Goodie Bag table to collect your goodie bag!

For the easter egg hunt, participants will be divided into two age groups (ages 1-5 and ages 6-10), and children will collect one egg in each of the five colors. Once a child has found all five colors of eggs, they will exchange their eggs for a prize bag of goodies to take home.

There is a strict limit of five eggs/one prize per child, and a limited number of prizes will be available on a first come, first served basis. Children must bring their own egg hunt bag/basket. To ensure the safety of all visitors, it is requested that parents always remain with their children during the Egg Hunt. Please note strollers will not be permitted in the egg hunt areas.



The Museum will also offer an array of activities for children including climb-aboard experiences in select historic aircraft, computerized flight simulators, hands-on Build & Fly Challenges, and more!

All activities are free with general admission. As this event will be indoors, it will be held rain or shine. Events and activities are subject to change.

Please note that the Museum will be closed on Sunday, April 12, 2020, Easter Day

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Spring Break Family Programs

April 10, 13-17 & April 20-24, 2020



Swing into spring with two weeks of special events and activities for children and families. Unless otherwise noted, these activities will be available from 10:30a.m. - 2:30p.m.

Friday, April 10, 2020

Easter Egg Hunt & Easter Bunny

Monday, April 13 & 20, 2020

Model Airplane Workshop & Demonstrations

Build and fly balsa wood airplanes with help from our team. This workshop is designed for visitors ages 3 and older, and there is a \$5.00 cost per model kit. Model builders will also give aircraft flight demonstrations throughout the day.

Tuesday April 14 & 21, 2020

Aviation Art Station

Create an aerospace themed work of art using a variety of materials.

Wednesday April 15 & 22, 2020

Paper Airplanes

Try your engineering skills by making and flying the perfect paper plane..

Thursday April 16 & 23, 2020

Rotocopter Drop

Create a paper rotocopter and launch it off our observation deck.

Friday April 17 & 24, 2020

Straw Rockets

Are you a rocket scientist? Test your skills by building and launching straw rockets in our one hundred foot launch zone.

New England Air Museum <https://www.neam.org/index.php>>

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Regional Meetings

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/>

Chapter 1620 Meetings 1st Wednesday of month, 7:30 PM Barnes Airport Hangar 3, 111 Airport Rd.
Westfield, MA. 01085 aircrafttech7583@gmail.com

2020 Aviation Events

March 31 - April 5 Sun'n Fun Aerospace Expo Lakeland Linder International Airport
U.S.A.F. Thunderbirds <http://www.sun-n-fun.org/>

May 16 Hampton Airfield FlyMarket
Come join us for our annual aviation-themed flea market! Food, fun, and of course, airplanes! 603-964-6749 <http://hamptonairfield.com/>

Weekends June 15 - October 20 Old Rhinebeck Aerodrome, Rhinebeck, NY
Saturdays - **History of Flight Air Shows** feature aircraft of the Pioneer, WWI and Golden Ages of Aviation. Sundays - **WWI Air Shows** highlight the first warbirds, but also include Pioneer and Golden Age machines.
<https://oldrhinebeck.org>

July 20-26 EAA AirVenture Oshkosh, Wittman Regional Airport
<https://www.eaa.org/en/airventure>

August 29-30 New York Air Show Stewart Int'l Airport, Newburgh, NY
U.S.A.F. Thunderbirds <http://airshowny.com/>

September 27th 2020 Sunday 40th Annual Simsbury Fly-in Car Show & Food Truck Festival Simsbury Airport Rain Date: October 4, 2020

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Classifieds

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)

Wing Tip Position Light (Red Model = A600-PR-14V) (Priced on ACS for \$484)

Wing Tip Position Light (Green Model = A600-PG-14V) (Priced on ACS for \$484)

Complete kit is \$1362 on ACS

Details on ACS here for the full kit: <http://www.aircraftspruce.com/catalog/elpages/whelena600strobe.php>

I'll include the wiring instructions / manuals booklet and connectors. You'll just need to buy wire and pins to make the system work.

Contact Rick Beebe, rick@beebe.org <<mailto:rick@beebe.org>> or 203-623-3744

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:
