President Mark Scott

Vice President Dave Rich

Secretary Rick Beebe

Treasurer Bill Jagoda

Newsletter Editor Joe Bogacki

Young Eagles Donna Shea

Scholarship Coordinator Tom Spitler

Tech Counselors Dave Pepe, Mark Scott & Mike Zemsta

Our Web Site: <a href="https://www.eaa27.org">www.eaa27.org</a>

## Chapter meeting at MMK 03-20-2022 10:00 a.m.



Doug Dringoli will be presenting - The welding process and implementation pertaining to single application manufacturing "Getting the job done right the first time"





### President's Message

Spring is just around the corner. That means it's time for my annual "Plan a Great Aviation Trip" message. When I look back on each year my trips stand out as a highlight. Friends who have done the same feel the same way. Whether by plane or car there is lots to see in New England and across the country. If you are a museum goer check out this web site; <a href="www.airplanes-online.com/aircraft-museums.htm">www.airplanes-online.com/aircraft-museums.htm</a>. STOL and similar events are becoming very popular. They are great fun to watch. See the list of 2022 events in the newsletter Aviation Events section.

## **Meeting Minutes**

February 20, 2022

President Mark Scott called the meeting to order at 10:05. Other officers present: Vice President Dave Rich; Treasurer Bill Jagoda, and Secretary Rick Beebe. There were 26 attendees.

Visitors: Al Starbard is a pilot and CFI. He's thinking of building either an RV-10 or a Bearhawk.

Mark gave Service Awards to Joe Bogacki for Newsletter Editor and Dave Rich for Vice President. He also gave Dave Rich the 2020 MVP award and Doug Dringoli received it for 2021. Congratulations!

We've finished paying out CJs Ray Scholar grant. \$6518.57 is our current balance in the treasury.

Tech Counselor: Mike Zemsta installed a Rotec throttle body recently on an O-320 on an RV-7. It really helped with fuel burn and mixture on the plane. He did have to fabricate all the brackets to hold the throttle and mixture cables. There was a discussion about a flat tire on the RV-12. The tube doesn't show any signs of wear but has three tiny holes in it. Mark repainted part of his plane with 8 year old paint. He had poor results with old catalyst but using new catalyst worked perfectly. Store your paint carefully and you may get more use out of it!

Young Eagles. We're going to run a YE workshop on March 12. There will be four workshops: electrical, metals, instruments, aerodynamics of flight. Our Spring Young Eagles rally will be June 11 with a rain date of the 12th. Volunteers needed!

Ray Scholar: CJ passed his written and has completed all the requirements to take his check ride. He's just waiting for good enough weather to take it. Tom introduced Seth who's a student at Middletown High. He recently got his part 107 drone license. Bryce's leg has healed. He's still doing well at the Air Force Academy.

We approved buying two wooden Adirondack chairs to replace the lightweight plastic ones at the FBO.

The RV-12 is slated to get painted soon. More updates coming.

David Rich is still fighting temperatures in his plane. He showed off a butterfly valve that he'll install in the scat tube leading to the oil cooler.

Presentation: Tom Spitler and Donna Shea gave a wonderful presentation on using some non-obvious features of Foreflight--an all-in-one flight planning and in-flight map too that runs on a tablet. At the end, audience members chipped in with a few hints of their own. Well done!

--Rick Beebe, Secretary

## Tech Tip of the Month

We have heard about being careful regarding cleaning agents on plastic transparencies. I use Lexan for the majority of my many windows. I was wondering if there were cleaners other than Pledge or specialty Aviation cleaners. I dug out a left over piece with the installation guidelines still adhered. I was surprised to see how many cleaners are compatible. I like working with Lexan much better than Plexiglas. It cuts and drills much better because it is less brittle.



## Chapter 27

## Ray Aviation Scholar 2021

First of all we should thank CJ for talking to our attendees at the aviation workshop that we presented last weekend. Was good for the kids to see another person close to their age who is close to become a private pilot.

Speaking of becoming a private pilot CJ has scheduled his check ride. He has done a cross check with another CFI and has had a mock ground check. He feels very confident at this point and looks forward to reaching his goal. We wish him well. CJ is looking forward to taking up some young eagles at our next event in June after achieving the first step along his aviation path.

Tom Spitler

Ray Aviation Scholar Coordinator



CJ being interviewed by By Faith Williams, Record-Journal staff

## Ray Aviation Scholar 2022

Again we have been awarded a Ray Aviation Scholarship for 2022. This is part of the letter sent to our chapter. "Due to your chapter's dedication to EAA, youth engagement, overall activities and chapter health, and the wonderful application you submitted, EAA and the Ray Aviation Scholarship Review Committee are excited to have your chapter onboard this year!"

With this in mind keep your eyes and ears open for potential candidates for this year. The basic requirements are that they be between 16 and 19 years of age. They must eventually pass a medical and register with the FAA.

Once we have the potential applicants we will ask them to complete our chapter application and then a committee with review all the applications and interview potential award winners.

So if you have a person who might be interested please have them submit their email address to me and I will send them an application.

Any questions please give me a call or drop me an email

Thomas Spitler
Ray Aviation Scholar Coordinator
860-338-3693
tspitler@gmail.com

### Young Eagles Workshop

On Saturday, March 12th, EAA Chapter 27 hosted a Young Eagles Workshop for youth ages 11-17 at Meriden Markham Airport.

Participants attended four different aviation workshops on topics such as the aerodynamics of flight, flight instruments and navigation, metal working, and electrical concepts. For lunch, participants were treated to pizza as well as five guest speakers including a recent graduate from a college aviation program who is now a local flight instructor, a professional pilot, an airport manager, an Engineer and aerial photographer, and our current Ray Scholar who is nearing the completion of his Private Pilot Certificate.

In total, we hosted 25 participants, from 10 surrounding towns. Seven of the participants were from Meriden and Wallingford and seven of the participants were girls! The event involved many volunteer hours of planning and presentations by close to 15 of the EAA Chapter 27 members. It became clear by the end of the day that we inspired many young aviation enthusiasts to join our ranks! We are looking forward to our next Young Eagles Rally which will take place on Saturday, June 11th (rain date June 12th). A special THANK YOU goes out to all of our Chapter 27 members who volunteered for this successful youth event and to Constance Castillo, Meriden Airport Manager, for her continued support of the EAA Chapter 27 youth events. Donna Shea "Young Eagles Coordinator"





Tom Spitler and Randy Seeber conducting a Flight Instrument and Navigation workshop

Fran Uliano presenting "About Airplanes"





Young Eagles constructing a flyable styrofoam airplane at the end of an aerodynamics session by Joe Bogacki

Metal working workshop with Mark Scott and Rick Beebe helping the Young Eagles drill and rivet together aluminum cell phone holders



Dave Rich and Mic O'Rielly leading an electrical workshop



### **Brainard Airport Action**

Steve Socoloski has sent us the December 2016, Legislative Program Review and Investigations (PRI) Committee Connecticut General Assembly report: "Use of Hartford-Brainard Airport's Site." The file can be viewed and downloaded at <a href="http:://www.eaa1310.org/brainard-report.pdf">http:://www.eaa1310.org/brainard-report.pdf</a>

Please read Page 5, which highlights the PRI Staff Findings and Recommendations, and mention the 2016 Report in your email. Below, is the information from the Hartford-Brainard Airport Association (HBAA), detailing how to find YOUR elected official. If you have any questions, please let me know. Thank you! -Steve

Here is the HBAA email to get on their email list and stay informed: keepbrainardflying@gmail.com

Everyone: Time is of the essence

We need your help contacting elected officials regarding the future of Hartford Brainard Airport within the next few weeks. Please follow these easy steps to get your voice heard:

### 1A) Find your local state representative and senator

Use this link to find your state legislators:

https://www.cga.ct.gov/asp/menu/CGAFindleg.asp

#### 1B) Contact your Town Councilors

usp=sharing

Use this link to find their email addresses:

https://drive.google.com/file/ d/ 1leVWZ6775noNe2Zw2ZzAmq7RYiXiM G-4/view?usp=sharing

### 1C) Contact your Congressperson and Senator

Use this Google Drive link to get the URL for their websites:

https://drive.google.com/file/ d/ 1pULR2Rnb9fhiTMIOEZQFD79HRRifU iZt/view?usp=sharing

### 2) Write an email expressing your support for Brainard to your contacts above

If you don't have a specific letter in mind, here are some sample letters you can use: <a href="https://drive.google.com/">https://drive.google.com/</a> drive/folders/ 1ljh4KtG8BELt2S0El5CfYlo- xoTYHZIO?

(We'll add your letter to the file if you want to inspire others)

Here's a link to reference info for you to share with others: (This folder contains presentations and other documents that will help you explain Brainard's regional value to others)

https://drive.google.com/ drive/folders/1TFC-CW8Z 7QFgOiihXNOJiU-tiVU Zrd?usp= sharing

### 3) Blind copy (BCC) your email to <a href="mailto:keepbrainardflying@gmail.com">keepbrainardflying@gmail.com</a>

We need you to contact your elected officials and get the word out to everyone who wants to keep Brainard open Signed,

The Hartford Brainard Airport Association

# FAA, Industry Chart Path to Eliminate Lead Emissions from GA by the End of 2030

Notice Number: NOTC2276

### **GA Pilot Community:**

Today, the FAA and our industry partners announced a safe path toward an unleaded general aviation future. You probably have many questions on what this means for your aircraft, what the timing is, and how the FAA will support the diverse group of piston engines operating today.

We want you to hear it first and directly from us. Here are the facts:

### WHAT WAS ANNOUNCED

A new initiative that outlines how the FAA and our aviation stakeholders can safely eliminate the use of leaded aviation fuel by the end of 2030 without adversely affecting the existing piston-engine fleet. This isn't a mandate. It's a way that we can safely make this transition.

### **HOW WE WILL ACHIEVE THIS**

There are four pillars to this partnership between government and industry:

- Develop Unleaded Fuels Infrastructure and Assess Commercial Viability: Industry stakeholders will coordinate the production of commercially viable unleaded fuels and create the necessary infrastructure and distribution channels to support widespread usage of these fuels.
- Support Research & Development and Technology Innovations: The FAA and industry stakeholders will support research and testing of piston engine modifications and/or engine retrofits that may be necessary for unleaded fuel operations.
- Continue to Evaluate and Authorize Safe Unleaded Fuels: The FAA will
  address fleet-wide authorization of unleaded aviation fuels of different octane
  levels. The Piston Aviation Fuel Initiative will continue to evaluate, test and
  qualify high-octane aviation unleaded fuels with the objective to ultimately
  transition the fleet to unleaded aviation fuel. Learn more at faa.gov/
  sustainability.
- Establish Any Necessary Policies: The EPA is evaluating whether emissions from piston-engine aircraft operating with leaded fuel contribute to air pollution that endangers public health. The EPA plans to issue a proposal for public review and comment in 2022 and take final action in 2023, which can lead to EPA regulation of lead emissions from piston-engine aircraft. The FAA will subsequently publish regulations that certify piston engine modifications, new piston engines that do not require leaded aviation fuel, and regulate fuel components for aviation fuels.

#### WHAT HAPPENS NEXT

As our work progresses, we will keep you and your pilot associations informed about key issues such as unleaded fuel evaluations, infrastructure development, decisions about engine modifications and retrofits, and changes in regulations. We will work on getting every member of the GA community involved so that the transition away from leaded fuel will keep you flying safely.

If you have comments, you can email the FAA at <u>EAGLE@FAA.gov</u>. Eliminate Aviation Gasoline Lead Emissions (EAGLE) Initiative

Sincerely, The FAA

# FAA, Industry Chart Path to Eliminate Lead Emissions from General Aviation by the end of 2030

Wednesday, February 23, 2022

https://www.faa.gov/newsroom/faa-industry-chart-path-eliminate-lead-emissions-general-aviation-end-2030

# AOPA supports proposed expansion of BasicMed for safety pilots

February 2, 2022 By Amelia Walsh

https://www.aopa.org/news-and-media/all-news/2022/february/02/aopa-supports-proposed-expansion-of-basicmed-for-safety-pilots

### Old Rhinebeck Aerodrome News



It's 6400 square feet and already full of airplanes. This is the first building in our comprehensive Master Plan. A second goes up this summer. Thanks to Disosway Foundation and Cazenovia Restoration.



Bruce Dickinson, lead singer for the iconic rock group Iron Maiden stopped by to swap war stories with our Dave King. Bruce is also an airline pilot and flies a Fokker Dr.I replica in England.



A rock crusher make 10K cubic feet of fill to level the runway for smoother biplane ride take offs and landings.

### **New England Air Museum**

New England Air Museum has launched a new website with some very interesting videos

https://neam.org

## **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. <a href="http://eaa166.org">http://eaa166.org</a>

Chapter 27 Meetings - 3rd Sunday of month, 10 AM at Meriden Airport <a href="http://eaa27.org/">http://eaa27.org/</a>

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/

### **2022 Aviation Events**

**04/05/2022 - 04/10/2022 SUN n FUN Aerospace Expo** - Lakeland FL

<u>USAF A-10C Thunderbolt II Demonstration Team</u> <u>USAF Thunderbirds</u> <u>USN Blue Angels</u>

**04/30/2022 Saturday Pancake Breakfast** - at 7B6 Skylark Airpark EAA Chapter 1310 Saturday April 30 8:30 - 11:00 AM

We're back with our hot pancakes, sausages, scrambled eggs, along with juice, coffee, milk and fruit cup. All you can eat for a \$7.00 donation.

06/04/2022 - 06/05/2022 41st Geneseo Airshow CF Snowbirds, USAF F-22Raptor Demonstration Team <a href="https://nationalwarplanemuseum.com/airshow/">https://nationalwarplanemuseum.com/airshow/</a>

06/03/2022 - 06/05/2022 World War II Weekend - Reading, PA < http://www.maam.org/maamwwii.html>

06/18/2022 - 10/16/2022 Old Rhinebeck Aerodrome Weekend Airshows, Rhinebeck, NY

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. <a href="https://oldrhinebeck.org">https://oldrhinebeck.org</a>

#### 07/25/2022 - 07/31/2022 - EAA AirVenture Oshkosh, WI

EAA AirVenture Oshkosh 2022 to Celebrate 75th Anniversary of U.S. Air Force USAF F-35A Lightning II Demonstration Team

USMC MV-22 Osprey Demonstration

AeroShell Aerobatic Team (T-6), Chuck Aaron (helicopter aerobatics), Eric Edgren (T-Clips), Kyle Fowler (Rutan Long-EZ), Kyle Franklin Comedy Act (Piper Super Cub), Mike Goulian (Extra 330C), Nathan Hammond (Super Chipmunk), David Martin (Beechcraft Baron), Patriot Parachute Team, Jim Peitz (Beechcraft 33C Bonanza), RAD Aerosports Jet Waco w/ Dell Coller, Red Bull Air Force (Kirby Chambliss, Aaron Fitzgerald, Kevin Coleman, and more), Red Line Air Shows (RV-8 and Extra), Bill Stein (Zivko Edge 540), Skip Stewart (Pitts S2S Prometheus), Trojan Phlyers (T-28s), Patty Wagstaff (Extra 300S), Matt Younkin (Twin Beech)

<a href="https://www.eaa.org/airventure">https://www.eaa.org/airventure</a>?>

**09/10/2022 - 09/11/2022 New York Airshow 2022** Steward International Airport USAF Thunderbirds <a href="https://airshowny.com">https://airshowny.com</a>>

09/24/2022 - 09/25/2022 Simsbury Fly-In, Car Show & Food Truck Festival (Food trucks only on September 24)

**Short takeoff and Landing Events** captured the hearts and minds of aviation enthusiasts around the world in 2021. Make sure to put some of 2022's STOL events on your calendar.

The High Sierra Fly In, said by some to be "the Burning Man for pilots," hosts pilots for a weekend of fun and STOL Drag Racing. Photo by Mike Fizer



**Copperstate Fly-In and Expo:** The year's first STOL event is coming up sooner than you might think. The <u>Copperstate Fly-In and Expo</u> will be February 17 through 20 at <u>Buckeye Municipal Airport</u> in Buckeye, Arizona. This year's event will include the introduction of the <u>STOL Drag</u> series in addition to the fly-in's existing forums, workshops, and activities for youth.

**Outlaw STOL:** The <u>Husky National STOL</u> series will host its first National STOL series event of the year, <u>Outlaw STOL</u>, at <u>Somerton Airport</u> in Somerton, Arizona, February 24 through 26. The fly-in and camping event will have practice days for competitors as well as aircraft vendors, food vendors, and a fly-out.

Swamp STOL Deux: The Husky National STOL series will host its <u>Swamp STOL</u> <u>Deux</u> at <u>Jennings Airport</u> in Jennings, Louisiana, March 17 through 19. The fly-in and airplane camping event will consist of the National STOL series competition in addition to a fly-out and vendor show.

**Valdez Fly-In and Airshow:** One of the most popular STOL events of the year will occur May 13 through 15 at <u>Valdez Pioneer Field</u> in Valdez, Alaska. In addition to its <u>world-famous STOL competition</u>, the fly-in event will also have an airshow, poker run, and flour bombing competition.

MayDay STOL Drag Races: The <u>MayDay STOL Drag Races</u> will occur May 20 through 22 at the <u>Wayne Municipal Airport/Stan Morris Field</u> in Wayne, Nebraska. The event, founded by STOL pilots Kevin Quinn and Collin Caneva, will feature the STOL Drag racing series and an opportunity for aviators to network with other STOL enthusiasts.

**EAA AirVenture Oshkosh:** The Experimental Aircraft Association's STOL demos at Air-Venture in Oshkosh, Wisconsin, have also become increasingly popular in the past few years. The <u>Twilight Flight Fest</u> demos and competitions occur the Monday, Tuesday, Thursday, and Friday evenings of AirVenture—specifically July 25 through 31—in the Fun Fly Zone on the AirVenture campus.

ArkanSTOL Ozark Backwoods Challenge: Perhaps the most challenging of the STOL events is the <u>ArkanSTOL Ozark Backwoods Challenge</u> at <u>Byrd's Adventure Center</u> near Ozark, Arkansas. This event challenges even the most seasoned STOL competitors with timed events consisting of landing and taking off on multiple runways nestled in windy valleys. The specific event dates are still being determined; stay tuned to the <u>ArkanSTOL website</u> for updates.

**STIHL National Championship Air Races:** Two birds with one stone might be the best way to describe the <u>STIHL National Championship Air Races and Air Show</u>. Not only will you see warbirds, jets, biplanes, and other aircraft types race around some of aviation's most famous pylons, but you will also be able to enjoy the STOL Drag series. The event takes place September 14 through 18.

**High Sierra Fly-In:** The <u>High Sierra Fly-In</u> is the only STOL event on our list on a dry lakebed in the middle of the Nevada desert. The event will be in October and will include days of <u>action-packed STOL Drag events and competitions.</u> The growing event encourages all pilots to fly in to compete for their first time or to relax and hang out with other aviation enthusiasts.

### Classifieds

We have 12 stackable storage containers left over from the RV-12 build. They measure  $15 \times 8.5 \times 7$  inches. Make a chapter donation and take as many as you want. Talk to Mark.



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.

Mark Scott (mwscott2@comcast.net)

### 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:	ria email? Y / N	
Aircraft owned, make & model: Flying Building Restoring		
Tell us about your areas of interest and expertise:		
If anyone has something they would like to share in our newsletter, places of in terest to fly too, your airplane build project, articles, flight experiences, etc please forward them to Joe "newsletter@eaa27.org"		