

# EAA Chapter 27 Newsletter October 2024

*President*                      *Mark Scott*  
*Vice President*              *James Calver*  
*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*  
*Flight Advisor*     *Mark Scott*  
*Our Web Site:*   [www.eaa27.org](http://www.eaa27.org)



**Next Meeting Sunday October 20th,  
Meriden Airport, 10 am**

Sarah Tamar is a seaplane pilot and instructor with over 1000 hr on floats, mostly in the amphibious Cessna Caravan. She currently flies a Gulfstream for work and instructs on floats out of Goodspeed Airport. She will talk about float flying in NYC, Florida, and the Bahamas, and the unique challenges of urban Northeast bush flying.



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## President's Message

Our meeting presentation by Sarah Tomar this month should be very interesting. A special bonus is a visit by "Flying Fish", her company's Caravan on floats!

Aviation is a small world. I see this all the time. Chapter members Laurie Strand and Oran Mills along with Andrew Scott recently struck a deal on a Cessna 170 in New Hampshire. Due to location and A&P travel



limitations performing a prebuy inspection is often a logistical hassle. By luck after chatting with the owner about jobs and "do you know so and so" Laurie discovered they both knew a trusted A&P able to perform the pre-buy at Oxford airport. This made things really easy especially since the owner was looking forward to seeing his friend and offered to fly the plane down. Aviation is a small community where nearly everyone likes to help each other out. Work to develop your network and do favors for others. It will be very helpful in the future.

One quick note, our annual holiday dinner is moved back one week to January 11<sup>th</sup> due to a schedule conflict at the Manor Inn.

## Chapter 27

### Chapter Picnic

We had another great annual picnic on Saturday Sept 21st, lots of good food and conversation. The corn roast and butter dip went very well. We will make this a regular addition to our annual event. Dave Matuska recently brought his beautiful Kitfox to the airport. He is in the final preparation for first flight. He brought it out for display and garnered lots of attention and complements.



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## Ray Aviation Scholarship

After all the hard work and studying that was done to prepare myself throughout the past few months, I feel extremely happy to report that I have finally passed my Private Pilot Written Exam! 🥳 You have no idea how happy I was when I saw that I got a 93%! I am extremely grateful for the guidance and support the chapter has provided me studying for the written and I'll be sure to take the skills and experiences with me for many more ratings and licenses to come!

On another positive note, I've just received my U.S. passport and I am able to finally begin flight training at the controls! This was that one step that was holding me back for such a long time so I'm very grateful for the patience you all have had with me and can't wait to share my first few official flight training experiences in the October meeting to come!

I'm super happy that everything's finally turning out well and I promise that I'll do everything it takes for it to be smooth sailing from here! Safe flying as always and stay tuned for next month's update!



## Tech Tip of the Month

Many airplanes show lower cylinder heat temperatures on the front cylinders. I have seen the same on my Bearhawk. Van's and other baffle kits have an optional air dam plate you can place in front of a front cylinder(s). This reduces the airflow through the front fins and directs more air to the back. It is easy to install with baffling removed, but difficult when installed. Before I went through the effort of removing my baffling I wanted to determine how large to make the dam. I applied metal duct tape to the front as shown (excuse all the bug splats!) hoping it would stay on long enough to get a good reading. After many hours of flying it is still there and works well. My temperatures are more even now. I'm going to leave it on until an opportune time to install the dam.



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## Young Eagles

On Saturday, 9/28/24, Chapter 27 hosted a “ mini Young Eagles Rally” for Guilford Scout Troop 476. Mark Scott, Bill Jagoda, and Donna Shea each flew two participants as the low clouds stayed just above and around our flight paths. Of course, the participants and their families were thrilled to experience life in the sky! Anthony and Lucy took care of registration ground operations and of course Constance made sure all operations stayed safe and secure! Thanks to all Chapter 27 members that participated to make the mini rally a success! Get ready for our fall rally on October 26th!



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## Next Young Eagles Rally

Our October Young Eagles Rally is coming up. Please contact Donna if you will be helping out, especially pilots.

### EAA Chapter 27 Young Eagles Rally



**Free Flights for Participants Ages 8 to 17**



Saturday, 10/26/2024  
Rain Date: 10/27/2024

Meriden Airport (KMMK)  
213 Evansville Ave.  
Meriden CT 06451

**Parents/Guardians must PRE-REGISTER at [YEDAY.ORG](https://www.yeday.org)**

**Registration opens 9/28/2024  
(And fills quickly!)**

**A Parent/Guardian Must be Present**

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## Kitfox Speedster

by Dave Matuska

The airplane made the trek from Shelton to MMK just in time to make its Chapter unveiling at the picnic. Recent progress in prep for the airworthiness inspection includes weight and balance, fuel flow tests, engine runs, taxi tests and magnetometer calibration. The Airworthiness inspection successfully took place on Oct 8 and the airplane is now donning its new airworthiness certificate thanks to the assistance of DAR Rich Rozanski. Shouldn't be long now until first flight.



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## Busted Airspace

When intercepted it explained why there was no communication



Photo by Laurie Strand



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## Meriden Airport

### New Hangar Construction

Our FAA funded project for 24/25 is finally underway for construction of the 4-Hangar building! Site work has begun at the south end of the T-Hangars. Site work & electrical will be completed this fall with building construction spring of 2025. Once we have a firm schedule from our general contractor, we will send out further updates. Note, with the recent dry weather, please be sure to close your hangar doors for dust if you're in the south hangars.



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## New England Air Museum

**With a nod toward education and immersive experiences, CT air museum plans \$25 million expansion**

By [Jesse Leavenworth](#),  
Staff Writer  
Sep 19, 2024



Artist's conception of a planned new hangar for exhibits, a planetarium and educational spaces at the New England Air Museum in Windsor Locks.

New England Air Museum

WINDSOR LOCKS — Starved for space as annual visitors increase, the [New England Air Museum](#) plans a \$25 million expansion meant to widen exhibits, boost educational offerings and add immersive experience in a digital dome, museum officials said Wednesday.

The expansion depends on approval of \$15 million from the state [Bond Commission](#), which is pending. Plans call for construction of a 40,000-square-foot hangar, with aircraft and other exhibits telling the story of aviation from balloon flights through mod-

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ern times and into the future, museum President and CEO Stephanie Abrams said. The largest aviation museum in New England, with three existing exhibit hangars totalling 90,000 square feet, has run out of space and has 30 aircraft in storage, including replica bi-planes, a MiG-15 Soviet jet fighter and a U.S. F-4 Phantom fighter, Abrams said.

The new space also is to include a manufacturing pavilion, where students can get up close with CNC machines and 3-D printers, and a 100-seat planetarium/digital dome designed to immerse audiences in images and animations, from a single cell to the edges of the universe. The educational component is meant to expose young visitors to aviation careers and enhance STEM education, museum Vice President for Development Rick Cleary said. The museum currently hosts about 5,000 school kids each year, but Cleary said he hopes to hike that to 50,000.



Nose of a B-29 bomber at the New England Air Museum.  
New England Air Museum

A separate, but related plan is to open a Challenger Learning Center honoring the legacy of the seven Space Shuttle crew members who died in 1986 when their ship broke apart shortly after liftoff. The museum is talking to leaders at [CT State Community College-Manchester](#) and Central Connecticut State University in [New Britain](#) about hosting the center, which would be the latest addition to more than 30 such facilities across the nation. The learning centers, which offer space mission simulations such as a visit to Mars, are "STEM on steroids," Abrams said, but better suited to college campuses due to synergy with the schools' other science and engineering offerings.

Once state bond money is approved, the nonprofit museum will pursue fundraising from corporations and individuals for the remaining \$10 million, Abrams said. The plan is to break ground for the new hangar next year and open in 2026.

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The planned expansion is driven in large part by a 20-percent increase in the past three years in annual visitors, which now total about 75,000. The museum reported \$2.55 million in revenue and a deficit of about \$740,000 in fiscal year 2022-23, which Abrams said was due to spending on a new parking lot and fence, exterior and interior painting, and renovations of conference rooms, bathrooms, the main lobby and gift shop.

The museum also opened three new exhibits in the past 3½ years, including one on the [Tuskegee Airmen](#), African-American sky fighters whose substantial contribution to victory in World War II failed to pay dividends in oppressive postwar America. A new exhibit spotlighting [Igor Sikorsky](#), helicopter pioneer and Connecticut aviation icon, is to open in early December. Also, the museum has been booked every weekend as a wedding venue, with vows taken in one hangar, cocktails in another and dinner and dancing in a third, Cleary said.



Tusegee Airmen exhibit.  
New England Air Museum

Abrams credited her decades-long experience as a TV reporter and producer for many changes at the museum in the past several years. Additions include video monitors and directional speakers that provide "a narrow beam of sound" to patrons at exhibits. The Tuskegee exhibit includes a theater and three video monitors that tell the air-men's story from pre-war through combat to post-war. The museum also has been airing TV ads in the region, Cleary said.

Leavenworth, Jesse (2024, September 19) With a nod toward education and immersive experiences, CT air museum plans \$25 million expansion *CT INSIDER*. <https://www.ctinsider.com/connecticut/article/new-england-air-museum-expansion-windsor-locks-19773442.php>

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## EAA CHAPTER 27 HOLIDAY BANQUET



**SATURDAY - JANUARY 11, 2025**

**MANOR INN RESTAURANT**  
**1636 Meriden-Waterbury Turnpike**  
**Plantsville, CT. 06479**  
**860-628-9877**

**5PM-6PM** Cash Bar and Hors D'oeuvres

**6PM** Dinner

ALL MEAL SELECTIONS INCLUDE FRUIT CUP, ZITI AND DESSERT

Filet Mignon.....\$50  
Chicken Parmigiana.....\$40  
Salmon with Apricot Glaze.....\$40  
Eggplant Parmigiana.....\$40

**Please be sure to bring a grab bag gift for each guest**

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### 2024 HOLIDAY BANQUET

Name: \_\_\_\_\_ Number attending: \_\_\_\_\_

Entree Selection(s): Please indicate quantity

\_\_\_ Filet Mignon.....\$50      \_\_\_ Chicken Parmigiana.....\$40

\_\_\_ Broiled Salmon.....\$40      \_\_\_ Eggplant Parmigiana.....\$40

Please enclose check for your total amount, make check payable to: "EAA Chapter 27"  
and forward along with this form to:

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## MT. TOBERFEST

You'll always find some of the most interesting airplanes at the MT. TOBERFEST.



### *A Yak 18T's Escape from Ukraine*

<https://www.flyingmag.com/a-yak-18ts-escape-from-ukraine/>

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## Chapter 27 Events

Young Eagles - next rally is October 26th and rain date 27th

Holiday Banquet - January 11, 2025 Manor Inn, more information to follow

## EAA Chapter 1310 Next Events

Mark your calendars now for these upcoming EAA Chapter 1310 events in 2024 at Skylark Airport:

November 2, 2024 - Pancake Breakfast 8:30 - 11:00am

December 7, 2024 - Christmas Pot Luck Buffet Dinner 6:00 PM - 9:00am

## 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 HFD Hangar 1 EAA Classroom, 20 Lindberg Drive, Hartford. <http://eaa166.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 324 VMC Club Simsbury Airport CT 3rd Wednesday of the month at 7 pm  
Laura Doherty | [laurado@sas.upenn.edu](mailto:laurado@sas.upenn.edu) - [EAA.org/VMC](http://EAA.org/VMC)

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/>

## 2025 Aviation Events

April 1 – 6 Sun n' Fun Aerospace Expo, Lakeland, FL  
US Navy Blue Angels

July 21 – 27 EAA AirVenture, Oshkosh, WI

September 6 – 7 Thunder over New Hampshire, Portsmouth, NH  
US Navy Blue Angels

<https://thunderovernewhampshire.com/>

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## 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 (203-988-3197)

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## N120EB Arion Lightning EAB for Sale - \$65k firm

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I started building in Marana Arizona at Greg Hobb's dealership with the dealer's assistance program. We started in May 2013 and taxied it in August. Moved to Nebraska in September and made return trips to complete the autopilot and get some transition training in this beautiful little plane. While in Nebraska I flew it to Connecticut, Block Island and Nantucket. It's a great cross country plane. From Nebraska to Florida where it now resides. It's always been hangered.

**Serious inquires contact Rick Bernardi, [clouddodger@gmail.com](mailto:clouddodger@gmail.com)**



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## Specifications Wing Span Length Height

Wing Area Gross Weight Empty Weight Fuel Capacity Performance

TTAF 358hrs TTE 358hrs

30'6" 20'8" 6'6"

104.0 sq ft

1320 lbs at std. category 850 lbs

22 gallons

Jabiru 3300

Cockpit Width 41" at shoulders 42" at elbows

## Specifications Horsepower Cruise Speed Vne

Stall (Full Flap) Glide Ratio Take Off Roll Landing Roll Climb Rate Fuel Burn

TTAF 358hrs TTE 358hrs

120 hp

120 kts TAS 180 kts

38 kts

17:1

400 ft

500 ft

1200 ft/min 5.5 gph

Jabiru 3300cc Aircraft Engine	
Displacement	3300 cc (202cu.in.)
Bore	97.5 mm (3.838")
Stroke	74 mm (2.913")
Aircraft Engine	Jabiru 3300cc 120hp
Compression Ratio	8:1
Directional Rotation of Prop Shaft	Clockwise - Pilot's view tractor applications
Ramp Weight	178 lbs (81kg) complete including exhaust, carburetor, starter motor, alternator and ignition system
Ignition Timing	25° BTDC fixed timing
Firing order	1-4-5-2-3-6
Power Rating	120 hp @ 3300 rpm
Fuel Consumption at 75% power	26 l/hr (6.87 US gal/hr)
Fuel	AVGAS 100LL or auto gas 91 octane minimum
Oil	Aeroshell W100 or equivalent
Oil Capacity	3.51 (3.69 quarts)
Spark Plugs	NGK D9EA - automotive

## OPTIONS:

Landing/Taxi lights w/ wig-wag

Speed Fairing Kit for landing gear

Adjustable rudder pedals HacMan mixture control 12 volt aux plug

NAV and Strobe light Dual Stick Grips w/Relay Board Braided Brake Line Kit

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Entry Step—Left Entry Step—Right Oil Quick Drain Aileron Trim Canopy Cover

Boarding steps

Sensenich Ground Adjustable Prop

aluminum spinner

40 Degree Flaps Dual Brakes

Dual fuel valves Custom Paint Leather interior Garmin SL40 radio GARMIN GTX 327 transponder Elevator trim indicator Air Speed Indicator gauge

PS 1000 Communication switch 2 GoPro cameras uAvionix echo UAT Dual XGPS170

GRT Sport w/ autopilot & AHS Engine Information system

Lightspeed headsets

New tires Wheel pants



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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:

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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](mailto:newsletter@eaa27.org)"

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