

EAA Chapter 27 Newsletter January 2025

President *Mark Scott*
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Secretary *Rick Beebe*
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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



**Next Meeting Sunday January 19th,
Meriden Airport, 10 am**

**Live On Line Meeting Presentation
Buying an Experimental Aircraft by Vic Syracuse**



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President's Message

I hope everyone had a nice holiday. Start making your aviation plans now because spring will be here before you know it. Speaking of time flying by, next year, 2026 will be the EAA Chapter 27's 70th year! I know that it's a ways off but we should plan something special.

Our annual chapter planning meeting will be held in January at a TBD date. Anyone interested in contributing ideas and suggestions is welcome to attend.

At the January meeting we are very fortunate to have an on line presentation by nationally known Vic Syracuse. He has over 44 years of Aviation Experience, beginning with the U.S. Air Force in 1977 as an Avionics Maintenance Technician on U-2's, C-130's, UH-1 and CH-53 helicopters, and T-33's. He has built 11 award-winning aircraft— Van's RV-4, RV-6, RV-7A, RV-8, 2 RV-10's, Prescott Pusher, the Kitfox Models II, IV Speedster, and 7 Super Sport, as well as a Just Aircraft Super STOL. He just finished his Hummingbird helicopter. Vic has made 36+ first flights. He is regular contributor to Sport Aviation and other aviation publications. His company, Base Leg Aviation, is a nationally-recognized expert in pre-buy examinations, condition inspections, and DAR services for amateur-built aircraft. This guy knows aircraft! If you are considering or know someone considering buying a homebuilt don't miss this presentation.

Ray Scholarship for 2025:

We're nearly there! With the pre-solo written exam out of the way, one more ground session, and one final stage check to go, it's just a matter of time before I can finally soar the skies on my own. This past month, my instructor Josh and I have been doing a lot to really move me along so I can achieve my goal of soloing by the end of the month. From booking almost every day during my winter break to flying in the snow, we've really tried our best to find those nice, calm, no-wind days and do as much flying as possible.

Like I've said in the past, I didn't expect to see just how hard flying can be. It's really made me appreciate the millions who have spent thousands of hours mastering the craft, and it's made me reflect on how much practice is truly needed before we can consider ourselves pilots. Nothing worth doing is easy, so I'm committed to ensuring that I do things well and that I take my time before moving on to any future aspects of flying.

As my Aviation Club awaits the arrival of our flight simulator, we're working hard to promote the world of aviation through our own activities and fundraisers. We recently held one where we made over \$200 in just one night! Managing, organizing, and running the club has been such an amazing experience, and the real-world aspects of doing something like this are unmatched by anything a class could teach us.

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I've said it before, and I'll say it again—what you all are doing here in the chapter is nothing short of extraordinary. I thank you all for your hard work and dedication to sharing the passion and magic of aviation with the youth of the community.

Wishing you all an amazing month ahead, happy flying!

Anthony Ortiz Osorio - Ray Aviation Scholarship Recipient 2024



Anthony's Aviation Club

Young Eagles

We had another successful year for Young Eagle Flights. The 2024 challenge of 100 flights was met with a total of 106. Many thanks go to Donna Shea for organizing the events, along with the pilots and support staff. We now look forward to 2025 being another safe and successful year of Young Eagle Flights!

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Plane Projects

Dave and Al's Carbon Cub

by Dave

The remaining wing is covered. Getting all the accessories, etc. installed on the engine. Boot cowl and firewall nearly done. Avionics proceeding - all the harnesses are preassembled. Quite a time saver! Thinking about how best to paint - likely use the Stewart System given the fabulous results of both Mark and Dave. Learning a lot!



Kitfox Flight Test

by Dave Matuska

Flight test of my Kitfox Speedster is progressing with roughly half of the required tasks completed in about 15 hours of flight time. I'm really enjoying the EAA task-based test approach and learning a lot about the airplane and its flight characteristics that I never would have experienced without doing the task-based approach. Flight test tasks completed to date include airborne pitot-static calibration, angle of attack calibration, determination of V_x , V_y , and best glide speed, aircraft control in the event of run-away electric trim, trim effectiveness in go-arounds, wings level stalls, static stability for all 3 axes and longitudinal dynamic stability. Each flight ends with a post flight inspection of the airframe and engine and so far I'm very pleased with how the plane is handling and how the engine is operating.

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Tech Tip of the Month

In order to have accurate speed, altitude, and rate of climb indications you should perform a simple leak test on your pitot and static systems each annual inspection. This can be simply accomplished with a syringe from your local pharmacy and soft tubing. For the pitot test attach the hose over the pitot probe and SLOWLY press in the syringe until the airspeed indicator reads about 130 kts. Time how many knots you lose per minute. The leak rate should be less than 10 kts/minute. The static system test is similar except you press the hose hard against the fuselage around the static port. If you have two static ports tape over one. Again, SLOWLY pull vacuum until you get 1200 ft of altitude increase. Record altitude lost per minute. You should see less than 100 ft of altitude loss per minute. Make sure the syringe plunger remains in the initial position for each test. It may slowly walk out or in due to system pressure if there is low friction on the plunger. We found a static system leak on our C-170 pretty quickly which was causing airspeed to read about 3 kts low. (Mark)



Meriden Airport

New Hangars

New South hangar construction is still scheduled to start in the spring.

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MMK Holiday Open House

Our annual open house was well attended and great fun. There was lots of good food and conversation.



Flying

Congratulations to Donna Shea who got a seaplane training scholarship from the 99's organization. She is headed to Jack Brown's seaplane base in mid-January. It should be a lot of fun. We are hoping-expecting-requiring her to give a presentation on her adventure at the February meeting.

Mark was able to give Constance's 90+ year old Mom a ride in the new Cessna 170B last month. Her mother and father owned a C-170 for many years at Meriden airport. The flight brought back many memories for both Constance and her mom who thoroughly enjoyed it.



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Homebuilders Week - Online Event Starts January 27th

30 online sessions to expand your knowledge of building your own aircraft

By Charlie Becker, EAA Homebuilt Community Manager

Homebuilders Week is an online opportunity to carry on the founding mission of EAA by sharing as much knowledge and information about building your own aircraft as possible in five days. We start on Monday, January 27th, 2025, and end on Friday, January 31st, 2025. Each day, we offer six live webinars running back-to-back, starting at 11:30 am central time and running every hour and a half until the last session at 7pm central. The sessions are live and allow time for questions. To sign up for the sessions, visit www.EAA.org/HomebuildersWeek

The topics cover something for everyone, whether you are just considering the idea of building an aircraft, are knee deep in a project or getting ready for test flying. We even have EAA president Jack Pelton lined up on, January 30th, to talk about EAA's Advocacy efforts on behalf of the homebuilt members.

EAA Homebuilders Week follows immediately after the anniversary of the founding of the Experimental Aircraft Association on January 26th, 1953. I can't think of a better way to recognize our organization's founding than to spend 5 straight days learning about homebuilding.

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

Visit www.EAA.org/HomebuildersWeek to sign up.

Winter Flying

Yes, Alton Bay Ice runway may open this year 2025!

[Alton Bay Seaplane](#)

[Base and Ice Runway](#)

[January 10 at 1:37PM](#) (video)

"The Alton bay (B18) crew was hard at work today creating the Alton Bay Ice Runway. We are not open yet so be sure to check 603-271-7398 for updates."

Facebook.com



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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 - 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

June 27 - 29 Flight Sim Expo, Rhode Island Convention Center, Providence, RI
www.flightsimexpo.com

July 21 – 27 EAA AirVenture, Oshkosh, WI

September 6 – 7 Thunder over New Hampshire, Portsmouth, NH
US Navy Blue Angels
<https://thunderovernewhampshire.com/>

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



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

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

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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° ETDC 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	Aeroshel W100 or equivalent
Oil Capacity	3.51 (3.69 quarts)
Spark Plugs	NGKD9EA - 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

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 &AHRS Engine Information system

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Lightspeed headsets
New tires Wheel pants



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”
