

EAA Chapter 27 Newsletter December 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



MERIDEN MARKHAM AIRPORT & EAA CHAPTER 27

Cordially invite you to our annual

HOLIDAY OPEN HOUSE



SUNDAY, DECEMBER 15TH, 2024

12:00 TO 2:00 PM

**MERIDEN MARKHAM AIRPORT TERMINAL BUILDING
213 EVANSVILLE AVE., MERIDEN, CT 06451
203-630-2878**

**PLEASE BRING A SIDE DISH OR A DESSERT TO SHARE (YET, NOT REQUIRED)
MAIN DISHES AND BEVERAGES WILL BE PROVIDED**

No December meeting, Holiday Open House instead

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President's Message

It's getting colder out there. Be sure to check your tire pressures and sump your fuel before flight to make sure there are no frozen water blockages. Once a year or so there is a full moon with snow on the ground. If you have never taken a night flight in these conditions you should. It is amazing what you can see once your eyes adjust. Yes, it will probably be cold, but as long as your plane has heat it is worth it.

Our annual holiday dinner is on January 11th. More information is below. Please get your selections into Bill Jagoda so we can get a headcount.

Meeting Minutes

November 17, 2024

President Mark Scott called the meeting to order at 10:00. Other officers present, Treasurer Bill Jagoda, Vice President James Calver. There were 38 attendees.

Visitors: Matt, a student pilot from Oxford with 115hrs in an Archer, Glenn and his son who'd been to a recent Young Eagle Rally, and Ray brought his 2 sons, one of whom had 2 Young Eagle flights.

Treasurer's report: working balance \$2,946.52. Bill reported \$82 in donations from the recent Young Eagle rally. He also provided an update on the Ray Scholarship funding for Anthony indicating that we are in good shape.

Projects: Dave Matuska reported on his first flight in his KitFox - Congratulations Dave! He indicated that it was a perfect day. The engine performed well, and he circled the airport at 6,000'. Since his first flight, 3.5 hours total, he's had two more successful flights, making good use of flight following, and commented that Bradley was accommodating as he transitioned around their airspace. He also reported that the new EAA flight cards are good and have relaxed the 40-hour initial Phase 1 flying requirement.

Dave Rich and Al Starbord have acquired a 60% completed SuperCubX. Dave reported that they expect to complete the build in the next 18 months. The acquisition came complete with engine and avionics.

Jim is nearing completion of his RV14 horizontal stabilizer. He commented on the good use of a cube shaped titanium bucking bar to get into tight spaces.

Mike alerted the group to a recent AD for Lycoming engines--failure in flight of connecting rod bushings in engines built between 2009-2017. A regular oil analysis, logging the results and noting the bronze content is recommended.

Young Eagles: 44 kids attended the October YE Rally - lower than the registered number as a result of a change in the day due to weather.

Ray Scholar: Anthony and Tom Spitler gave an update. Anthony has been working on slow flight and emergency procedures. Tom updated the group on the 2025 Ray Scholarship process noting that our application is due in January and candidate recommendations in March. He also noted that the scholarship has increased to \$12k, and that we are the only chapter in CT that received a scholarship this year.

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Old and New Business, Announcements: Mark has been approached by the City of Meriden Boy Scout troop leader for a merit badge program.

Mark announced a fly out to VT Chapter 613 on Nov 24—3 miles from the Canadian border! It's an active chapter with 14 kids, their own hanger, 2 story facility, and an a/c build program with 20 girls.

Rick Barnardi is selling a Lightning LSA. Contact Jim Simmons for details.

Safety tip -- don't trust indicators! Look outside to see if flaps are down for take-off. Loose and broken wires can cause indicators to misread.

Annual Chapter Elections: Mark Scott, President; James Calver, Vice President; Bill Jagoda, Treasurer; Rick Beebe, Secretary were unanimously voted as Chapter 27 Officers for the next 12 months.

New Hangers: Constance reported that construction will begin in April and occupancy is expected late summer 2025.

Upcoming events: MMK open house, Saturday Dec 15, 12noon-2p. Please bring a dessert or sweet treat.

Chapter 27 Annual Dinner and Awards: Manor Inn, Saturday Jan 11. Sign up today!

Following the regular meeting, Chris Meyer gave an exciting talk on aerobatics and upset recovery. Chris provides one-on-one aerobatic instruction. Thank you, Chris! <https://www.hammerheads aerobatics>.

James Calver, VP

Ray Aviation Scholarship

Winter is finally here, and my instructor Josh and I have been hard at work taking advantage of the smooth cold air as I get closer and closer to soloing. We've covered the fundamentals that is pattern work and slow flight and we're finally moving onto emergency procedures. Thanks to Josh's guidance, I've felt more confident and proficient in my maneuvers, landings, and overall understanding of the systems and operations that come with flying, it's truly been great!

With the days only getting shorter, it's been tough trying to fit in as much flying during the week as we've resorted to mostly flying on the weekends and holidays. That's why it's been more important than ever for me to stay proficient by chair-flying, studying materials, and practicing critical concepts whenever I'm not flying and I'm at home on the simulator staying up-to-date. Training with CAP has been a tremendous help as they provide me with the exact resources and guidance I need to master each concept before moving forward to different points in my training.



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On another note, my aviation club will finally see our beautiful DA40 simulator coming in the first week of January! We're super excited to get our hands on it and share the passion of flight across the hundreds of kids in our school. We're looking for any pilots interested in trying it out and potentially giving a presentation or attending one of our club meetings to talk and engage with our students about the opportunities the world of aviation has to offer.

As I work towards my next milestone in the Ray Aviation Scholarship, I'm determined to keep pushing forward and make the most out of the training I will undertake in the future. I'm grateful for the opportunity to fly, and I can't wait to share more updates in the month's to come. Happy holidays everyone, and as always fly safe!



Anthony
Ray Aviation Scholarship Recipient 2024

Ray Scholarship for 2025:

The selection Process has begun for 2025. They have increased the amount of the scholarship in 2025 to \$12,000.

First, our chapter must file an application by January 31st 2025. Once our application goes through the approval process during the month of February we will then be told whether we have been granted a scholarship for the 2025 period. Next we will create an application for our potential scholars to complete and submit to the selection committee for review and selection of our candidate.

So now is the time to start thinking about who our candidate might be. Must be between the ages of 16-19 and show a strong interest in aviation. The scholarship is not advertised or any public postings made as required by EAA. They want the scholar to be someone we are familiar with and who we think has the desire and ability to complete the scholarship. 80% of the selected Ray Scholars have completed the program and EAA attributes that success to a good selection process and the mentoring that goes with the scholarship.

So start thinking about who our Ray Aviation scholar could be for 2025.

Tom Spitler
Coordinator
Ray Aviation Scholarship

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Projects and Planes

Congratulations to Dave Matuska for making his first flight in his Kitfox. Dave is pictured here afterwards with his wife and son. Subsequent flights have gone well and he is moving right along with the test program. We look forward to adding another plane and pilot to our Young Eagles fleet.



Congratulations to Dave Rich and Al Starbard for purchasing a partially completed Carbon Cub kit. Dave and Al will be working on it in Dave's garage over the winter. Hopes are for a first flight the middle of next year.



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Tech Tip of the Month

Our spark plugs tend to get fouled with carbon and lead deposits over time. This is especially true if engines are run rich most of the time in the pattern. The flight school has this problem in spades. They use this slick device to clean their plugs. You put them in the bag and connect an air hose. Blasting media inside swirls all over with force and cleans them out. You can find this unit for about \$30 on line. Aircraft spruce has something similar for about \$40.



Places to Fly

If you are looking to test your short takeoff and landing skills visit Toutant airport (C44) in North East Connecticut. I visited there in early December. The runway is 1756 x 60 ft with clear approaches at both ends. Runway 17 final approach path is obscured by a hill and trees on base leg. You can't see the runway until you have turned final. The pavement is in good condition. There is a parking area midfield. There are no runway lights so don't go there at night. It is a private airport open to the public with a nice house looking over the airport and a large private hangar. When I was there a lady said hello over the radio. (Mark)



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Holiday Banquet



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:

Bill Jagoda
43 Derby Road
Rockfall, CT. 06481

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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

Cockpit Width 41" at shoulders 42" at elbows

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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	Aeroshell 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

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:

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"