

EAA Chapter 27 Newsletter November 2019

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



Tech Counselors Dave Pepe, Mark Scott & Mike Zemsta

Our Web Site: www.eaa27.org

Next Meeting Sunday November 17, 10a.m. MMK

**Two Meeting Activities This Month;
A Presentation from Mitchell Rivers on his
Experiences at the EAA Air Academy**



And, A Homebuilt Airplane Recognition Contest!



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President's Message

One of the great things we do is send a kid to the EAA Air Academy every year. Everyone we have sent says it was a wonderful experience. This month we will have a short presentation by this year's attendee Mitchell Rivers on his experience.

I am amazed by how many homebuilt airplane designs there are. I have also learned lots of people are not familiar with many of the more common ones. So instead of just going through a bunch we will have some fun and have an airplane recognition contest! Test your knowledge by identifying make, model, and number. The winner will receive an EAA Chapter 27 shirt. As we reveal the information and find our winner, we can talk a little about each aircraft.

Meeting Minutes 10/20/19

President Mark Scott called the meeting to order at 10:03. Other officers present: Vice President Dave Rich; Treasurer Bill Jagoda, and Secretary Rick Beebe. There were 15 attendees.

Joe Hudson was visiting. He was a member in the past. He's just started building an RV-10.

Dave Rich showed a split prop seal that they're going to put on the RV-7. The current one is leaking. Normally you have to stretch the seal over the prop flange but they make a split seal that should be easier to start. There was some discussion about whether it will leak. Max says to install it with the seam at 10 or 2 o'clock. Also Loctite makes a sealant to help attach the seal to the groove.

Andy Roberts showed a cut-away deep socket for spark plugs. It's actually an oxygen sensor socket. He installed a uAvionix Skybeacon, which is supposed to replace a tail-light, inside the fuselage of his Sportsman for ADSB-OUT and it worked fine. He's also installed a Kannad 406MHz ELT. He chose that one because it has an internal GPS and an internal antenna so it could be used outside the plane in an emergency.

Andy also has a leaking exhaust valve and we had a good discussion on what options he has for diagnosing and fixing it.

Constance reported that the hangar project is getting even closer. The contractor should break ground in a week and a half. The city council is working on new lease agreements.

The holiday open house is currently targeted for the third Sunday in December but that's not set in stone.

We flew 39 kids and 3 adults at the Young Eagle rally two weeks ago. Rich is talking to a Boy Scout troop about doing an aviation merit badge program again. EAA no longer requires 10 YEs before they give the credits. They all count now.

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The RV-12 ran into more paperwork snags. Greg Prentiss, the DAR, was concerned about whether the corporation they set up can be the “named builder.” Mark talked to people at the FAA registration branch and they believe the corporation is okay. Discussions are still underway.

Our chapter holiday banquet is scheduled for Saturday, January 4 at 5pm at the Manor Inn in Southington. Same menu and same prices as last year.

Andrew Scott gave a great presentation on using video cameras in and on your airplane. He went over different camera types and how to choose the best settings. And he also showed some fantastic sample videos.

--Rick Beebe, Secretary

Tech Counselor Tip

Ever seen a puddle of fuel under one wing after parking at an airport for a while. It came out of the vent. The reason most likely is because the plane was slightly listing. On a high wing plane with the fuel selector on both you can siphon quite a bit of gas from one side to the other. The loss and weight shift can be dramatic if on rather uneven ground on backcountry airstrips. Be sure to move the fuel selector to OFF if you are on any kind of incline.

Teens to Flight RV-12 Build Program

Nothing's easy. It turns out the local airworthiness authorities will not approve an airplane unless the builder is a person, not a corporation. We registered the airplane as a corporation so we could set up the flying club. We filled out the paperwork correctly. I called the FAA in Oklahoma and they said we could have the corporation as the builder. After the FAA went back and forth in a stalemate, I was able to work out an amendment path to keep the plane registered as a corporation and state myself as the builder. This will allow me to get the repairman certificate which should be beneficial.



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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EAA CHAPTER 27 HOLIDAY BANQUET

Saturday, January 4, 2020

MANOR INN RESTAURANT

1636 Meriden-Waterbury Turnpike
Plantsville, CT 06479
860-628-9877

Directions at: www.manorinnrestaurant.com and click on "about"

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

ALL MEAL SELECTIONS INCLUDE FRUIT CUP, ZITI AND DESSERT

Prime Rib au jus.....\$40
Chicken Parmigiana.....\$35
Salmon with Apricot Glaze.....\$35
Eggplant Parmigiana.....\$35

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

2019 Holiday Banquet	
Name: _____	
Number attending: _____	
Entrée Selection(s): indicate quantity	
<input type="checkbox"/> - Prime Rib au jus.....\$40	<input type="checkbox"/> - Chicken Parmigiana.....\$35
<input type="checkbox"/> - Broiled Salmon.....\$35	<input type="checkbox"/> - Eggplant Parmigiana.....\$35
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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Chapter and MMK Airport Activities

Annual Elections at November meeting, if anyone is interested in a chapter position contact Mark Scott.

Hangars

Drilling trucks were at the airport last week testing the soil conditions and gathering data needed for the foundation final design. The last we heard the T hangars should be done by late January.

Hangar Ground Breaking Ceremony with City of Meriden Officials

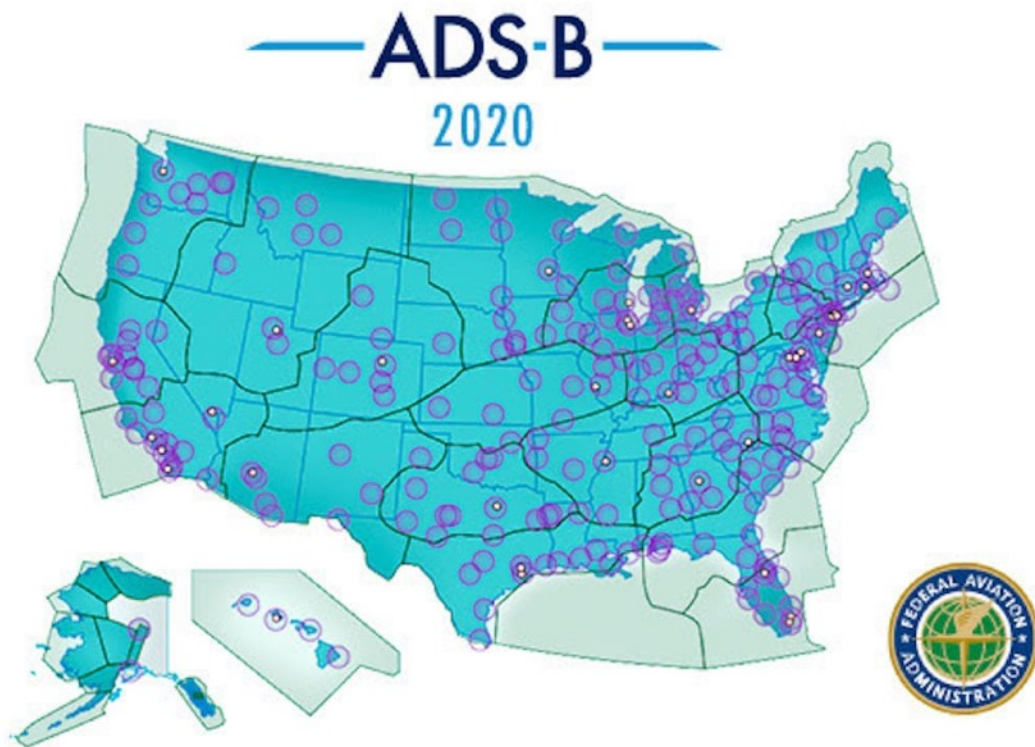


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FAA completes final ADS-B milestone

The **FAA** completed its final implementation milestone with **Automatic Dependent Surveillance-Broadcast** (ADS-B) in September 2019, when the last two of the 155 airports to receive ADS-B, Akron-Canton Airport and Mansfield Lahm Regional Airport, both in Ohio, became operational.

“This brings the operational rollout of ADS-B baseline services to a successful conclusion, on schedule and within budget, well in advance of Jan. 1, 2020, the date by which aircraft flying in certain, controlled airspace must be **equipped** with the technology,” FAA officials said in a prepared release.



Complete article at:

<https://generalaviationnews.com/2019/10/08/faa-completes-final-ads-b-milestone/>.

Understanding the Propeller

Propellers how big, how many blades, push or pull, how do they work, principle stresses, handling affects on the ground and take-off. Very interesting short video

<https://www.youtube.com/watch?v=0bP2MH3Lqvl>

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New England Air Museum

Santa Claus Arrives & Behind the Scenes Tours

Friday, November 29, 2019, the day after Thanksgiving

On this day, the New England Air Museum will host Jolly St. Nick! Come and have a "Selfie with Santa," aboard a Sikorsky Seaguard helicopter between 11:00 a.m. and 2:00 p.m. Santa is not coming empty handed, his bag will be filled with a special gift for each child.

Also, the Museum will be conducting our popular Behind the Scenes Tour, which will give visitors the opportunity to take a close-up look at some of the current restoration projects, including the wide-bodied Burnelli CBY-3 Loadmaster, Kaman HOK-1 helicopter, some vintage engines and more. Tours start at 10:30 a.m. and the last tour will start at 2:30 p.m.

You can download a flyer [HERE](#)

New England Air Museum calendar of events <https://www.neam.org/shell.php?page=event_calendar>

Regional Activities

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

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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/>

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

August 29-30 New York Air Show Stewart Int'l Airport, Newburgh, NY

U.S.A.F. Thunderbirds <http://airshowny.com/>

Classifieds

RV-7A 1/3 Share at MMK Airport

RV-7A 1/3 SHARE AT MMK AIRPORT • \$32,000 • **FRACTIONAL OWNERSHIP OFFERED** • 2008 Van's RV-7A hangered at Meriden Markham Airport, CT (MMK). 500 Hrs TT, Sliding Canopy, Superior XP-IO-360-E1AD2, Sensenich 727M8S9-1-85 fixed pitch prop, Dynon D-180 EFIS/EMS, OAT, Garmin 296 GPS, Garmin Xponder GTX327 with GDL-82 ADSB out, ACK 406 ELT, Garmin SL40 Comm, PM 3000-4 intercom, electric flaps, TruTrak AP, Anti-Splat strut, dual brakes, Stratus 2S with iPad mount, full interior. Currently 2 partners with ownership as an LLC. Contact Dave Rich or Mark Scott (203-988-3197) • Contact David Rich, Owner - located Glastonbury, CT USA • Telephone: 8606389087

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)

*Power Supply Whelen Model *= HDACF (Priced on ACS for \$420)

<http://www.aircraftspruce.com/catalog/elpages/whelenpowersupplies.php?clickkey=13887>

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