

# EAA Chapter 27 Newsletter March 2018

*President Mark Scott*

*Vice President Steve Fraas*

*Secretary Rick Beebe*

*Treasurer Bill Jagoda*

*Newsletter Editor Joe Bogacki*

*Membership Bob Spaulding*

*Young Eagles Brian Rotten*

*Tech Counselors Dave Pepe, Mark Scott & Mike Zemsta*

*Our Web Site: [www.eaa27.org](http://www.eaa27.org)*



## **Chapter 27 Meeting March 18, 2018 (10:00 A.M.)**

### **FABRICATING A PLANS BUILT GP4 AIRCRAFT**

Jim Simmons will be providing a presentation summarizing the steps involved in the building of his GP4, all wood homebuilt aircraft. Join us to learn the highlights of the fabrication of many elements normally provided prefabricated for kit built aircraft. Jim's presentation takes you through the entire process, from selecting the aircraft, constructing the aircraft and finally flying the machine.



# EAA Chapter 27 Newsletter March 2018

## President's Message

I hope you were able to attend the last meeting and hear Russ Beers' story about successfully landing after an engine mechanical failure shortly after receiving his Private Pilot's license years back. It reminded me of how important recurring training is. Russ said he regularly performed simulated engine out approaches throughout his training and credited his good decision making and airmanship to it. When was the last time you practiced?

A simulated engine out?

Cross wind landings?

Short field landings?

A no flap landing?

Navigating without a GPS?

Flight under a hood?

Flying with only elevator trim and rudder?

Some people think you can rise to the challenge in an emergency. The is you will sink to your highest level of training. If you have not practiced for the situation at hand the outcome will most likely not be good. Spring is coming and a great time to work on rusty skills. More importantly all the stuff above is fun to do. You do not need an instructor to do it and only a safety pilot for hood work. You could also take a more experienced pilot with you for pointers. Why wait fo a biennial flight review and feel embarrassed about poor piloting skills. Hone them up now and save some flight time and money at your next review.

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Tom Brelsford's two and a half year search for an airplane is over. A Maule MX-7-160, 449 hours since new. It is located in Crestview, FL and he will be picking it up this month. Congratulations Tom!



# EAA Chapter 27 Newsletter March 2018

## EAA Meeting Minutes 2/18/2018

President Mark Scott called the meeting to order at 10am. Officers present Mark Scott, president; Steve Fraas, vice-president; Treasurer, Bill Jagoda; Secretary, Rick Beebe. There were 19 attendees. Noah Goldstein introduced himself as a visitor.

Andy Roberts showed off a Brother label printer (PT-D400) which will do reverse printing...white letters on a black background. He also showed a Baja LED driving light that he's going to install on his plane for a landing light. It's designed for off-road use so very durable.

Dave Pepe, who recently sold his RV-6, helped the new owner by doing the condition inspection with him. Dave has the repairman's certificate for the plane so he can sign off the inspection.

Rick Beebe reports that the EAA is giving away display space in their Innovation Showcase plaza this year. If you know of a company or person that has some innovative aviation product they are developing they can get a free 10x10 booth there. Contact Rick for more information

Brian Rechiene reports that we've flown 3 young eagles so far this year. Mark gave a "Young Eagles Recruiting Team" award to Mick O'Reilly for bringing 15 kids to our last rally. June 9 oct 27

Steve Fraas talked about the Teens to Flight program. The cowling has been fitted and looks good. They installed the micro switch that tells that the canopy is closed. The fuel tank is in although not bolted in place yet. Getting very close to complete.

The airport has just installed a 10,000 gallon fuel tank which allows them to buy entire tanker loads of fuel which saves them money. Jim Simmons reported on the aviation commission meeting. The hangar project is back on the schedule and will hopefully get done this year. They're going to tear down the south hangar and build a new one. They'll be repainting the runway lines this summer. Oxford Airport will be repaving their runway this summer. We expect a lot of people will temporarily relocate their planes to MMK during that project.

We'll be scheduling a clean-up day in April. An announcement will be forthcoming. The MMK Fly-in and public safety fest will be May 12.

Russ Beers was our speaker. He talked about lessons learned from an off-airport landing early in his flying career. The engine stopped because an incorrect component was installed in a magneto. The redundancy provided by two magnetos was thwarted because BOTH magnetos had been overhauled with the same wrong components. A good lesson to keep in mind in your own maintenance.

--Rick Beebe, secretary



# EAA Chapter 27 Newsletter March 2018

## Teens to Flight RV-12 Build Program

The canopy is looking good. The Plexiglas is fitted and the back seal is installed. The next major task is laying up the fiberglass fairing around the front. The fuel tank is in and the rear interior was installed. The exhaust is on and the cowl is in its finishing trim and fiberglassing stages. Overall we are on track for a flight this year.



## Tech Counselor Tip

Most of our planes have the battery mounted to the firewall. Once in a while you have to disconnect it for some reason. Remember to disconnect the **NEGATIVE TERMINAL FIRST!** Why? Because it is very easy for your wrench to swing and contact the metal fire wall. If you are disconnecting the positive terminal you know what happens, a wonderful big blue spark. If you are disconnecting the negative terminal and contact the firewall, nothing happens. Put a placard on your firewall right next to the battery terminal reminding you to disconnect the negative terminal first.

## Tailwheel Jack Project from Van's Airforce (VAF)

<<http://www.vansairforce.com/community/showthread.php?t=157436>>



# EAA Chapter 27 Newsletter March 2018

## ADS-B

[FAASafety.gov](http://FAASafety.gov) shows an easy way to check your ADS-B after a flight. You do have ADS-B installed on your airplane, right?

### Your ADS-B Questions Answered: Get the Facts Here

Notice Number: NOTC7602

*Question: Is ATC actually using ADS-B? I asked a controller to verify that my equipment was operating properly and she told me she did not have that information. How else can I verify that my equipment is operating properly?*

*Answer:* The FAA provides a free, easy way to check your Automatic Dependent Surveillance-Broadcast (ADS-B) performance. The ADS-B Performance Monitor (APM) captures all the broadcast ADS-B information in U.S. airspace. The APM captures your aircraft's ADS-B broadcast automatically, every time you fly. To verify the performance of your system, request a Public ADS-B Performance Report (PAPR) after any flight. Make your request by going to: <https://adsbperformance.faa.gov/PAPRRequest.aspx>. You may do this anytime, at no cost. The PAPR will identify any erroneous information your equipment broadcasts. You can take the report to your avionics installer who can help rectify any issues. We encourage operators to check the performance of your ADS-B equipment after installation and annually thereafter.

ATC first began using ADS-B at selected sites in the United States in 2010, and the FAA has steadily expanded integration and use throughout the NAS. There are still some TRACONS in the NAS that require modernization to be able to utilize ADS-B, but the FAA is on track to enable ADS-B use at these remaining facilities before the 2020 mandate.

The FAA's ADS-B network collects your broadcasted ADS-B information and passes it to the ATC automation system. ADS-B data is then combined with other surveillance data (where available), to create a single track of your aircraft for the controller's display. ADS-B messages contain many different information elements that are combined and simplified for presentation to ATC in a way that supports their primary mission of maintaining safe separation of aircraft. This simplified presentation tells a controller whether an aircraft is equipped with ADS-B and whether ADS-B is contributing to the presentation. It does not give the controller any insight into how well the ADS-B is performing or if all information elements comply with the requirements of the ADS-B mandate. Therefore, we discourage pilots from asking controllers for ADS-B performance details since this can add to workload and frequency congestion.

### **Don't Get Left in the Hangar. Equip Now!**

There's only 23 months remaining before the January 1, 2020 ADS-B Out equipage deadline.

For more information, please visit the Equip ADS-B website [www.faa.gov/nextgen/equipadsb/](http://www.faa.gov/nextgen/equipadsb/).

# EAA Chapter 27 Newsletter March 2018

## Young Eagles

Scheduled upcoming rallies  
June 9 oct 27

### AOPA announces 2018 scholarship programs - AOPA

[https://www.aopa.org/news-and-media/all-news/2018/february/01/aopa-announces-2018-scholarship-programs?utm\\_source=ePilot&utm\\_medium=email&utm\\_content=tts&utm\\_campaign=180201epilot](https://www.aopa.org/news-and-media/all-news/2018/february/01/aopa-announces-2018-scholarship-programs?utm_source=ePilot&utm_medium=email&utm_content=tts&utm_campaign=180201epilot)

## Chapter 27 and MMK Airport Activities

Chapter 27 airport activities to be scheduled:

MMK Airport Clean up day in April  
Paint the tetrahedron

### MMK:

The Airport has installed the 10,000 gal fuel tank. Because they can more economicaly take full truck loads Constance said they saved about 15 cents per gallon and passed on the savings to customers.

Some chapter members attended the latest Airport commission meeting. Wilma, our hero of airport improvement projects, is back in control of airport projects with the departure of the recent city manager. Our members reported a very upbeat assessment of the airport and improvement projects by the Airport Commission. In particular work on the new South hangars is back on track and there is serious talk of replacing the South Quonset hangar.



Meriden Record Journal - Airport Photos

<http://www.myrecordjournal.com/News/Meriden/Meriden-News/PHOTOS-Meriden-Markham-Airport-through-the-years.html#gallery-1>

# EAA Chapter 27 Newsletter March 2018

## MERIDEN-MARKHAM AIRPORT

### Fly In & Public Safety Festival

Saturday, May 12, 2018

9:00 am - 3:00 pm

RAIN DATE – Saturday, May 19

213 Evansville Ave. Meriden

203-630-2878

[www.meridenmarkham.com](http://www.meridenmarkham.com)

**FREE ADMISSION!**

**FREE PARKING!**

Aircraft Judging (call 203-630-2878)

Helicopters

Meriden Police & Fire Department Vehicles

Corvettes

Jeeps

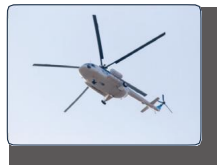
Re/Max Hot Air Balloon

Hunter's Ambulance

Helicopter Rides (additional fee applies)

Bounce House • Face Painting

Food • Entertainment • Vendors





# EAA Chapter 27 Newsletter March 2018

## Regional Activities

Chapter 1310 Meetings - 2nd Wednesday 7 PM April-October

2nd Saturday 10 AM November, January, February, March at Skylark Airport

Chapter 1310 Events

Saturday March 24	8:30 - 11:00 AM	Pancake Breakfast
Saturday April 28	9:00 AM	Cleanup Day
Saturday May 12		Spring Safety Seminar
Saturday June 23	8:30 - 11:00 AM	Pancake Breakfast
Saturday July 21	8:30 - 11:00 AM	Pancake Breakfast
Saturday August 18	11:00 AM - 2:30 PM	Corn Roast & Cookout
Saturday September 15	9:00 AM - 1:00 PM	Young Eagles Flights
Saturday October 13		Fall Safety Seminar
Saturday November 3	8:30 - 11:00 AM	Pancake Breakfast

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/>

## Other Aviation Events

April 10 - 15 Sun'n Fun Fly-In, Lakeland Linder Regional Airport, Lakeland, FL

<https://www.flysnf.org/>

[USAF Thunderbirds](#), [DH-115 Vampire "Selene"](#), [MIG-17F - Randy Ball](#),  
[AeroShell Aerobatic Team](#), [Team Aerostars](#), [Dan Marcotte Ultimate Biplane](#),  
[Mike Goulian Extra 330SC](#)

May 12th - Fourth annual Meriden Markham Airport Fly-In & Public Safety Festival will be held on Saturday, May 12, 2018 (rain date, Saturday, May 19) at 213 Evansville Ave, Meriden, CT 06451. <[www.meridenmarkham.com](http://www.meridenmarkham.com)>

June 9 - 10 Rhode Island Open House and Air Show, Quonset State Airport, North Kingston, RI

[USN Blue Angels](#)

<https://www.rhodeislandairshow.com/>

June 9 - 10 Old Rhinebeck Aerodrome, Rhinebeck, NY

Opening weekend <http://www.olderhinebeck.org>

July 14-15 Galaxy Community Council Great New England Air Show

Featuring the USAF Thunderbirds, Westover ARB, Chicopee, MA

<http://www.greatnewenglandairshow.com/>

July 23 - 29 EAA AirVenture Oshkosh, Wittman Regional Airport, Oshkosh, WI

[www.airventure.org](http://www.airventure.org)

August 25 Plymouth Air Show, Plymouth Municipal Airport, Plymouth, MA

<http://www.plymouthairshow.com/>

September 15 - 16 New York Air Show, Stewart International Airport, Newburgh, NY

[USAF Thunderbirds](#)

September 23 Simsbury Fly-in & Car Show, Simsbury, CT

<http://simsburyflyin.com/>

# EAA Chapter 27 Newsletter March 2018

## Air Adventure 2018

If you are looking for lodging at Airventure this year there are a lot of rooms open at the University of Wisconsin in Oshkosh. They are working with EAA to make a large number of dormitory rooms available. Contact the university at: 920-424-3226, [uwoeaa@lists.uwosh.edu](mailto:uwoeaa@lists.uwosh.edu), or on the web at [uwosh.edu/go/uwoeaahousing](http://uwosh.edu/go/uwoeaahousing).

## New England Air Museum

### New England Air Museum Announces SPACE EXPO special event



### WINDSOR LOCKS, CT

#### SPACE EXPO at New England Air Museum

The New England Air Museum will hold its tenth annual SPACE EXPO on **Saturday, April 7<sup>th</sup>** from 10:00 a.m. to 4:00 p.m. featuring NASA Astronaut Michael Foreman. An action packed day offers an array of hands-on activities for visitors of all ages. Visitors will be able to interface with a number of aerospace exhibitors, meet some well known intergalactic droids and characters, view planetarium shows, fly a Space Shuttle simulator at the NEAM Virtual Flight Center, participate in out of this world experiments and science demonstrations, build and launch straw rockets, and much more!

Special guests for SPACE EXPO 2018 also include UTC Aerospace Systems and One Giant Leap, Inc., the Astronomical Society of Greater Hartford, CATO Rocketry Club, NOAA National Weather Service, Springfield Stars Club, the Springfield Museums and the Talcott Mountain Science Center.

Food and beverage will be available for purchase from Kane's Market. SPACE EXPO is supported in part by the NASA Connecticut Space Grant Consortium and UTC Aerospace Systems.

Capt. Michael Foreman graduated from the U.S. Naval Academy and served as a Navy test pilot and flight instructor before joining NASA in 1998. Foreman is a veteran of

# EAA Chapter 27 Newsletter March 2018

two space missions and five spacewalks, and he has logged over 7,000 flight hours in more than 50 different aircraft. Foreman will present two lectures on his experiences in space at 11:00am and 1:00pm.

Space Expo will run from 10:00 a.m. to 4:00 p.m., and the museum will close at 5:00 p.m. Admission is \$15.00 for ages 15 and up, \$14.00 for seniors 65 and up and \$10.00 for ages 4 to 14. New England Air Museum members and children 3 and under are admitted free of charge. Group rates are available for groups of 10 or more with advance registration. Visit our website for more information and a complete schedule of events: [www.neam.org](http://www.neam.org).

## New England Air Museum Presents Stories from the Air

### **March 25 - 23 Years and Counting...The Restoration of the K28 Blimp Car**

NEAM Restoration Crew Chiefs, **George Diemer** and **Russ Magnuson** discuss the major undertaking of the lone remaining Blimp Car used for patrol and anti-submarine warfare operations in WWII.

### **May 20 - The History of Pratt & Whitney**

**Mark P. Sullivan**, former Communications Director for Pratt & Whitney, provides insight into one of the most iconic names in aviation. Pratt & Whitney rising from humble beginnings in a former cigar warehouse to become one of the most recognized symbols wherever people fly.

### **July 22 - Maiden Flight - The Role of Katherine Wright**

Guilford author, **Henry Haskell** comes from a long line of Henry Haskells - his father, and his grandfather whose second wife was the sister of Orville & Wilbur Wright - Katherine Wright. Haskell will bring together the love and strife experienced by Katherine, her husband Henry Haskell and brother Orville.

### **August 19 - B-29 Bomber - The Story of FiFi**

**Don Boccaccio**, a crew member and tour leader on *FiFi*, one of two B-29 WWII bombers still flying, provides a "Behind the Scenes" look at *FiFi* and what it takes to keep wind under her wings.

### **October 21 - The Real Story: The JFK Jr. Accident**

**Steve Demko** was a National Transportation Safety Board investigator for the aircraft accident in which John Kennedy Jr. lost his life. Steve will tell the real story of what happened that night off of Cape Cod. Steve's wife, Jill, also from NTSB, will overview the operations of that outstanding organization.

### **November 18 - The Connecticut River from the Air**

New England Air Museum's Executive Director and author, **Jerry Roberts** will discuss his newest table top book. Hear about the view from above as the Connecticut River makes its way from Canada to Long Island Sound.

All lectures will be at 1:00 p.m. the day of the event.

Museum Members Free - General public \$20.00 per lecture / \$100.00 for the series of six (includes admission to the Museum).

Seating is limited so please order early. If there are any seats open on the day of the event, they will be available on a first-come basis. If you have any questions, please call the Museum at (860) 623-3305.

Museum members can make reservations [here](http://www.neam.org/event-calendar.php), and non-members can make reservations [here](http://www.neam.org/event-calendar.php). <<http://www.neam.org/event-calendar.php>>



# EAA Chapter 27 Newsletter March 2018

## Classifieds

700x6 Air Hawk tires and inner tubes in very good condition. These came off my plane when I replaced them with larger tires. Asking \$150.

**B&C L60 Alternator.** Only 250 hrs of use. Works great. I changed it out to a lighter unit because I was only using a fraction of the capacity. It comes with brackets, bolts, and a belt. \$350.

**Saf-Air oil quick drain fitting** for Continental engines. Proceeds go to the Teens to Flight program. \$50

Contact Mark Scott ([mwscott2@comcast.net](mailto:mwscott2@comcast.net))

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**Whelen Strobe System & Wing Tip Navigation Lights** (\$1000 obo)

**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.

4' x 6'-10" .032 2024-T3 aluminum sheet. \$50 (\$85 at Aircraft Spruce)

Contact Rick Beebe, [rick@beebe.org](mailto:rick@beebe.org) or 203-623-3744

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**For Sale: from** [<vaughanaskue@gmail.com>](mailto:vaughanaskue@gmail.com)

Circuit breakers - \$1.00 each; Switches - \$2.00 each; Gascolator (new) - \$10.00

Fuel shut off switch (new) - \$10.00; Finger strainer (new) - \$5.00;

Strobe (new) - \$40.00; Nav light set (new) - \$20.00; Pitot-static head - \$20.00

Flush fuel cap (new) - \$20.00; Two eyeball vents and one cone - \$3.00

Assorted cable clamps; Assorted hardware; Altimeter - \$20.00

Airspeed indicators - \$20.00 each; Manifold Pressure gage - \$20.00 Battery cables -

\$10.00 each; Pulleys - \$1.00 each; Rod end bearings - \$5.00 each...with threaded end connectors - \$10.00

# EAA Chapter 27 Newsletter March 2018

## Homebuilt Airplane Mil-Spec Plywood and Epoxy Glue - \$40 (Seymour)

Left over from a homebuilt airplane project are the following supplies:

- 1 unopened 1-Quart Kit of T-88 epoxy glue
- 6 each 12" x 48" sheets of 1/8" Birch/Poplar Plywood
- 6 each 12" x 48" sheets of 1/16" Birch/Poplar Plywood
- 4 each 12" x 48" sheets of 1/16" Mahogany/Poplar Plywood

There are a number of odd-side left-over pieces as well. (See the pictures.) Also included is an 18" x 9" x 7" Tupperware box containing scrap Birch plywood pieces suitable for rib gussets.

All plywood is US-made to MIL-P-6070 specification..

I commute the I-84/I-91 corridor from Waterbury to Enfield several times a week. Delivery within reason is possible.



**Contact: Rich Rozanski 203-217-8424 or email [rrozansk@gmail.com](mailto:rrozansk@gmail.com)**