

August 2017



# Mountainland Flyer



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## Next Regular Gathering

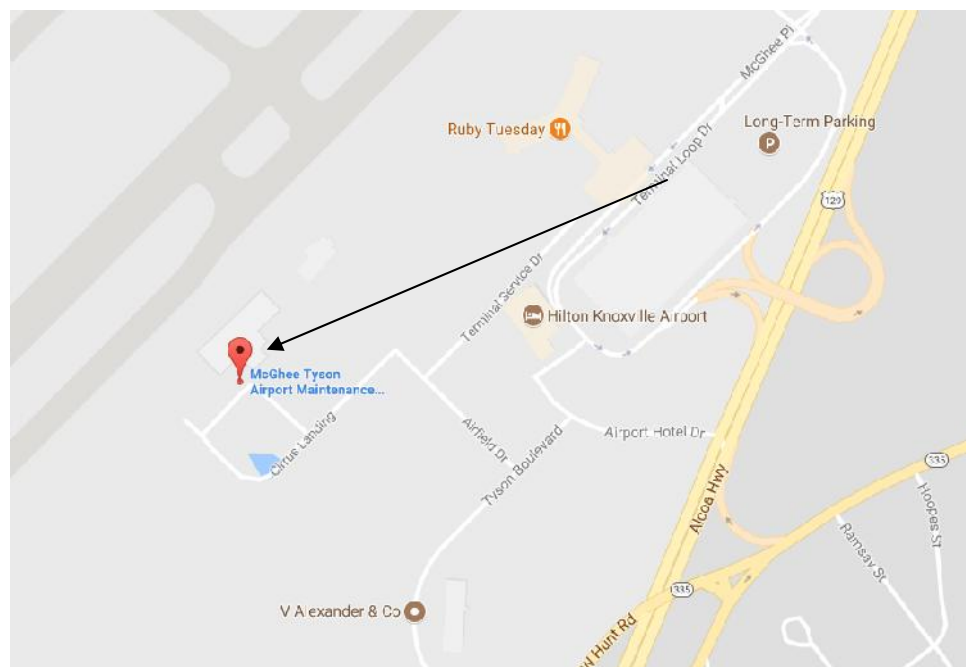
**AUGUST 7— 510 CENTER AT MCGHEE TYSON AIRPORT**

We hope that you enjoyed the 4th of July holiday and are now ready for the next chapter gathering.

The August meeting will feature casual discussions about AirVenture Oshkosh by anybody that attended the event, PLUS a presentation on E.A.B. Avionics considerations by Gary Picou of PS Engineering.

This meeting will be at McGhee-Tyson NOT Sky Ranch. (So don't go to Sky Ranch Monday!)

Come meet with us for snacks at 6:30 and a meeting starting at 7 PM.



## CALENDAR OF EVENTS

Come join us for fun and education with other aviators.

Visit [www.eaa.org/calendar](http://www.eaa.org/calendar) to access a comprehensive list of events that you can filter to match your location, range, interest and schedule.

August 5 First Saturday Breakfast at Morristown (MOR) (32 miles from DKX)

August 5 First Saturday Breakfast. Winchester (BGF) (135 miles from DKX)

**August 7 Chapter 17 gathering at McGhee-Tyson**

**August 10 Runway Safety meeting at the McGhee Tyson, 3rd floor Board Room 9—10 AM**

August 12 Second Saturday Breakfast. Monroe Co (MNV) (41 miles from DKX)

August 19 Third Saturday CAP Breakfast at Cleveland (RZR) (73 miles from DKX)

August 19 Third Saturday Moontown, AL breakfast. (3M5) (168 miles from DKX)

August 26 Fourth Saturday CAP Breakfast at Dayton (2A0) (68 miles from DKX)

October 2 Juliet & Roger Cox will talk about how to fly to the Bahamas.

October 21 Blairsville Annual Chili Lunch 10-2 (DZJ) (77 miles from DKX)

November 11 EAA Chapter 17 Annual Banquet with AOPA President Mark Baker.

May 12, 2018 YOUNG EAGLES at KDKX with May 26 as a rain date.

John Leenhouts, Sun N Fun President and CEO will be our **2018** guest speaker.

Short Notice Aviation Plans (SNAP) Any weekday that the weather is good. Why wait for a weekend?

Ready to schedule:

- ➔ Trade A Plane Publishers in Crossville, TN
- ➔ Group Fly Out to the Tennessee Museum Of Aviation in Sevierville.
- ➔ Group Fly Out to Andrews, NC (KRHP) to see Jerry Stadtmiller and look at his Antique Aircraft Restoration and Repair operation. (53 miles from DKX)
- ➔ Fly Out to EAA Chapter 242 in Columbia, SC. Trade Airplane Rides

Guest Speakers ready to meet with EAA Chapter 17:

- ➔ Tom and Pat Roush flying balloons in Austria.
- ➔ TEMPEST Spark Plugs with Vince Bechtel.
- ➔ A continuation of ForeFlight training.
- ➔ Future plans include a seminar on Mountain Flying.
- ➔ Aerobatics Seminar?

Do **You** have a suggestion for chapter activity?

## Message from your President

Some of us lucky ones will be returning from AirVenture in Oshkosh when you are reading this month's newsletter. I am one of the lucky ones again this year. I plan to attend some of the chapter training sessions offered to officers and hope to bring back some ideas with me that will improve our chapter even more. Hope you noticed that we will be holding our **August 7<sup>th</sup> meeting at TYS in the 510 building** close to the low cost parking lot. This is where we held the ForeFlight class a year ago and last month's FAA wings program. Thanks goes to DKX manager Tim Hair who arranged for us to use this really nice facility. Hopefully we can use this facility more often as we are out growing SkyRanch. So please DO NOT show up at SkyRanch. We will be providing food again before the meeting and feel free to bring a desert if you can. With the tip jar we have actually made a few dollars on this social function even after paying for the main food.

The main speaker for our August meeting will be none other than our very talented Secretary and Newsletter publisher Gary Picou. He will be addressing Avionics for home builders. Gary has an extensive avionics background. He recently told me he was inspired to start a career in Aviation by the late Bob Hoover. I am looking forward to learning more about him and his background, as well as his Avionics knowledge.

We will be auctioning off some EAA items from years ago that were donated to us from lifetime EAA members Dan & Ann Backys from Walland who recently moved into our area. Also I have a nice Sun Screen package for a Cessna 175 that was donated. I was told that these will also fit the C172. If you have some aviation items you are not using please donate them so we can raise a little money for our chapter and let someone else use something you aren't. This can turn into our Garage/Hangar sales program. All donations are welcomed.

I am looking forward to visiting with you all next August 7<sup>th</sup> at TYS.

George Douglas, President Chapter 17



AirVenture 2017—Chapter 17 is represented by Robert Berlin (Left) and PS Engineering

## RUNWAY SAFETY ACTION TEAM MEETING - AUGUST 10

EAA Chapter 17 members are invited to attend the annual RSAT (Runway Safety Action Team) meeting, to be held on 8-10-17 at 0900-1000 in the MKAA Board Room (terminal 3rd floor).

MKAA is hosting the meeting, on behalf of the TYS Tower manager who will be on hand to review runway safety topics, past runway incursions/deviations, and challenges to our airport movement area operations.

This is your chance to learn and interact with Tower staff and airport users, and bring questions or suggestions for improving airfield safety.

If you park in the terminal garage, enter the lower or upper level, and take the elevator to the third floor. Bring your parking ticket and we will validate it for free parking. I hope you can attend, and look forward to seeing you on the 10th.

Thank you,  
Jim Roberts

Director of Airfield Operations Metropolitan Knoxville Airport Authority 865-342-3032

*The airport runway is the most important mainstreet in any town.*

## MONROE COUNTY UPDATE

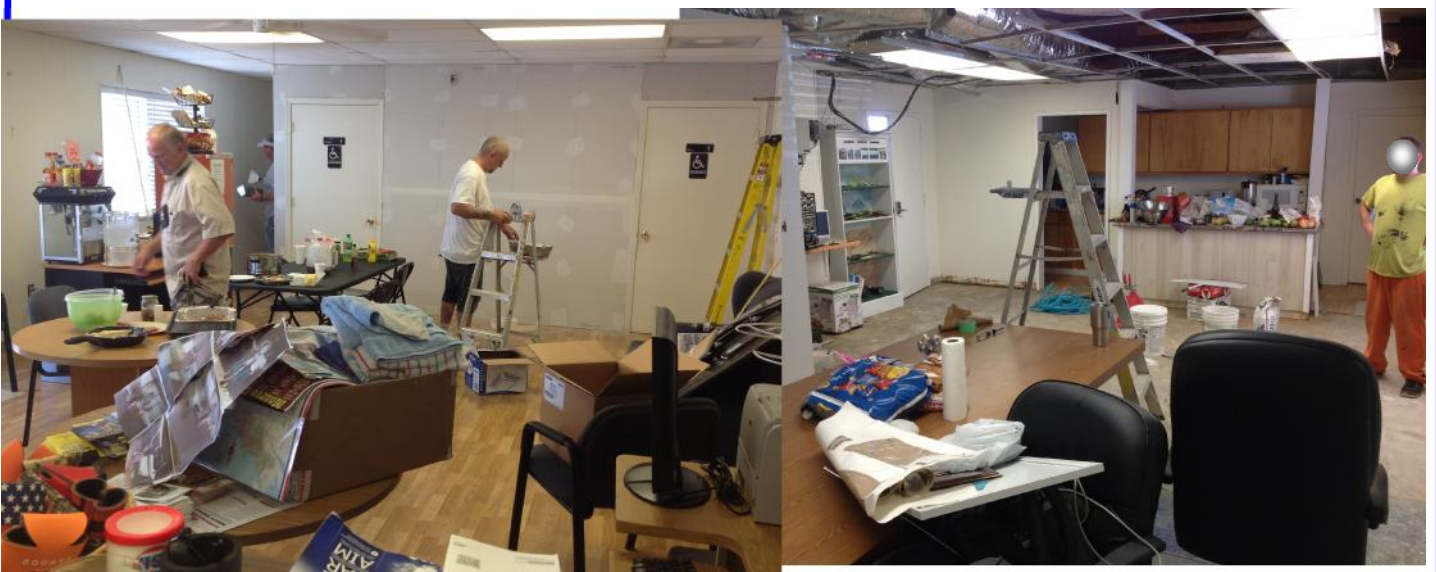
*By Jerry Depew*

The Second Saturday Breakfast at Madisonville's Monroe County airport (MNV) has continued to grow.

Omelets are the special here and the crowds have become larger for this popular event.

The airport has begun remodeling the existing facilities to enlarge the kitchen and dining areas and will be finished in time for their breakfast on August 12.

Airport manager Tom McCosh tells me that he was offered a new FBO building but instead insisted that the greatest need was for more hangars. To meet the demand, Monroe County is planning to start another row. They recently erected 10 "T" hangars constructed with American steel.



## My RV-14

By Marvin McGraw

Two years ago, many of you joined my family in our hangar for a Chapter 17 meeting and to view the progress of our RV-14 project. Now I can say that project is complete and flying! Chapter Tech Counselor Jim Auman acted as an FAA representative and issued the Airworthiness Certificate; then I began a forty-hour Phase 1 test program before being allowed to carry passengers. Phase 1 is an FAA designated test program intended to develop a Pilot Operating Handbook (POH) for an aircraft.

My plan for Phase 1 testing started with verifying the accuracy of all engine sensors then I moved on to calibrating the fuel flow meter and airspeed indicator. This was done to create a baseline aircraft for some planned future modifications.

Flying it! It is really fun to fly, has great visibility, and the handling is very intuitive. The published Van's speeds are accurate and the stall and low speed handling is predictable. What to do when you're restricted to a 35-mile radius for testing? I did lots and lots of timed climbs and speed runs every 2000 feet from 2500 to 14,500 feet and back; two flights a day of about two hours each. For the first 20 hours there were discrepancies noted that needed to be corrected before the next flight. After that, I concentrated on learning to fly, lots of stalls and slow flight and hours and hours of practice landings. At exactly 40.0 hours, I put it in the hangar, washed it, and waited for Sandy to get home. After four years of building, it seemed only fair that she would be the first passenger. Here she is on her first flight.



## WHAT COMES AFTER TWO DAYS OF HARD RAIN? – MONDAY!

*By Jerry Depew*

JUNE CHAPTER FLY OUT TO ROUGH RIVER.

The planned Fly Out to Rough River was canceled because of bad weather.

The weather in the days leading up to the planned Chapter 17 fly out forced the cancellation of our camping trip. It would remain bad through that Saturday and would not allow our working folks any opportunity to visit. Sunday however was one of those spectacular days behind a front with cloudless skies and moderate tem-



peratures for the next four days. I flew in Sunday and spent that day and night with fellow camper Bob Milam from EAA Chapter 150 in Collegedale. I remained for three nights and savored the wonderful weather reading, hiking and eating meals at the lodge restaurant. I had such a good time that I did it again two weeks later.

## ANOTHER CHAPTER FLY-OUT IN THE PLANNING STAGES

As the camping weather becomes more bearable we have an opportunity to fly to Washington, Georgia (Ily), east of Atlanta to visit a Plantation Museum featuring a collection of Georgia pioneer homes from cabins to an antebellum plantation home open to the public with guided tours. The museum is a short walk across the runway from the airport FBO. I have been there years ago at a previous chapter outing (with only one other airplane attending) and had a good learning experience.

The FBO, Southern Air Repair has offered a courtesy car for our use. Those wishing to camp have been offered the use of the restrooms and shower inside the office and a BBQ grill is available for cooking. The crew car can be used for those wishing to drive to town for a motel or restaurant.

On the way down or back we may visit Western Carolina Regional (RHP) to visit an aircraft restoration shop that we have visited in the past.

## Young Eagles Update

By Marvin McGraw

In May 2017 Chapter 17 members helped more than 70 children experience the joy of flight. Thank you to all the ground support volunteers and pilots! Since that time, a few members have flown additional Young Eagles. If you have interest in doing individual Young Eagle flights, Sandy and I would be glad to provide the necessary paperwork.



The steps to provide an individual flight are straight forward:

1. Complete a Registration Form, signed by the parent or legal guardian and leave the form on the ground before the flight. This is a requirement of the EAA National program and insurance company.
2. Take a flight and watch the expressions on the child and supporting family!
3. Fill out the EAA logbook and explain the use of the code on the back of the logbook. The code provides a student membership to EAA, access to the Sporty's Pilot Private Pilot Ground School videos and more.
4. Mail the Registration form to EAA or give it to Sandy and I and we will gladly complete the process. If you mail it directly to EAA please email a photograph to me so we can ensure that both you and the Chapter get proper credit for your effort.

If you have interest in doing individual Young Eagle flights we would love to have your support. Please send your contact information and we will direct families that contact the Chapter website your direction.

In addition to individual flights, the next large Young Eagles event has been scheduled for May 12, 2018 at Knoxville Downtown Island starting at 9AM. Rain date is May 26, 2018

Thank you,

Marvin McGraw Young Eagles Coordinator

## Chapter 17 Volunteers Feted

On July 22, the past and present Chapter 17 officers and directors gathered at Mark Scheuer's lakefront property to watch the detailed and inspiring documentary, *"The Bob Hoover Project: Flying the Feathered Edge"* (provided by the Myers). We are all passionate about aviation, but nobody before or since can rival Mr. Hoover's God-given talent for the art and science of flight.



Knoxville Tennessee



# EAA Chapter 17

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Email: publisher@eaa17.org

**EAA Chapter 17's** mission is the promotion of education in aeronautics, flying safety, navigation, amateur or home-built aircraft, antique aircraft restoration and construction, and related aero-sciences. To foster aviation, education, and progress in light aircraft development and other closely related phases of aviation. And to maintain a non-profit cooperative association to obtain instruction and education in aviation.

## Your EAA Membership

Chapter 17 maintains our membership records. This is important for two reasons. First, and most important, we use the info to correspond with our members. Second, we are required to provide EAA Headquarters with a current chapter roster each year. To help update our records, we are asking everyone to please provide the following: **Name, Address, Phone Number, Email Address, and EAA member number.**

Finally, **we can't emphasize enough the importance of full EAA membership.** This is especially critical in the current climate of proposed GA user fee increases and other threats to your freedom to fly! For \$40 a year for a single EAA membership or \$50 a year for family membership, you can add your clout to the battle, as well as get a great magazine in *Sport Aviation* each month and lots of other member benefits. **If you are not a current member of the international EAA organization, please join or renew your membership.** Go to <http://www.eaa.org/memberbenefits.html>, or call 800-843-3612.

In the words of Vintage Aircraft Association President, Geoff Robison, "Let's all pull in the same direction for the good of aviation. Remember, we are **better** together. Join us and have it all"

## CHAPTER 17 MEETINGS ARE NOW ON THE FIRST MONDAY OF THE MONTH, UNLESS OTHERWISE POSTED!

### EAA Chapter 17 Membership Renewal



Name: \_\_\_\_\_ EAA Member # \_\_\_\_\_

Address: \_\_\_\_\_

Email: \_\_\_\_\_ Phone: \_\_\_\_\_

Project or current aircraft or interest: \_\_\_\_\_

Annual Dues run from January 1st to December 31 each year.

Type of Registration: Regular: (\$20) Family: (\$20), list names: \_\_\_\_\_  
Student (Free for [EAA Student](#) members): \_\_\_\_\_

Address, email, and phone info is used to update CH 17 records, is voluntary, and is not shared outside of CH 17. EAA Member # is required for our annual EAA Chapter renewal.

Please print, fill out, and bring to the next meeting, or mail to CH 17 Treasurer, at the below address. Please include a check for \$20.00 made to EAA Chapter 17.

**Online registration** (<http://www.eaa17.org/EAA17membership.htm>) available using a credit card or Pay Pal

Thanks for your continued support!

Renew online or by mail to:  
Chapter 17  
C/O PS Engineering  
9800 Martel Road  
Lenoir City TN 37772

Total amount of check \$ \_\_\_\_\_

