

January 2018



Mountainland Flyer



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NO MEETING - HAPPY NEW YEAR

There will not be a meeting in January. Because our regular First Monday of the month meeting falls on New Year's Day, we will skip this meeting. If you are traveling, we hope that it will be safe and we look forward to your attending the February meeting. We may have tips on winter flying or taking care of your airplane during weeks, perhaps even months of inactivity. We have a February contribution ready to share about getting your airplane ready for a busy season of flying after storage or inactivity.

Next Regular Gathering
February 5, 2018

We meet the first Monday of the month at McGhee-Tyson 510 Center Come early to visit. The program starts at 7:00 PM



CALENDAR OF EVENTS

Come join us for fun and education with other aviators.

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

- January 1** **There will be No First Monday EAA Chapter 17 meeting at McGhee Tyson 510 Center.**
- January Morristown is not having their First Saturday Breakfast during the winter months.
- January Crossville is no longer serving food at the FBO.
- January 6 First Saturday Breakfast and program. EAA Chapter 690 at Gwinnett Co. (LZU) (137 miles from DKX)
- January 6 First Saturday Breakfast at Winchester (BGF) (135 miles from DKX)
- January 13 Second Saturday Breakfast. Monroe Co (MNV) (41 miles from DKX)
- January 13 FLYING COMPANIONS SEMINAR at Morristown (MOR) 9AM-1PM \$25.00
- January 13/14 - Flight Instructor Refresher. 8:00AM, all day, two days at the 510 Center.
- January 20 T Third Saturday CAP Breakfast at Cleveland (RZR) (73 miles from DKX)
- January 20 Third Saturday Moontown, AL breakfast. (3M5) (168 miles from DKX)
- January 27 Fourth Saturday CAP Breakfast at Dayton (2AO) (68 miles from DKX).
- Feb 22 - AOPA Seminar at Clayton
- Mar 6 - Catherine Cavagnaro presentation on spins and loss of control. 7:00pm; 510 Center.
- There may be a Rusty Pilot Seminar in March.
- Apr 24 DKX Cookout and program (topic TBD). 6:00 PM and program begins at 7 PM.
- May 12 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 meeting suggestion?

THE DECEMBER MEETING

The December 4th meeting at 510 Center was another fun event with a more relaxed meeting agenda. Shirley Douglas and Helen Picou each made a crock-pot of soup to share with our members and guest. It must have been the holiday spirit comes early but the table was crowded with magnificent deserts from brownies and cookies to a chocolate cake that stood tall with thick layers of filler and frosting. There was also a large square dish with a thick apple pie that could not be resisted. I am sounding more like a food critic than a reporter, but just saying that with the many volunteers contributing their time, money and effort it was a job well done. There is also a jar for donations and we almost break even for the cost of drinks and utensils provided by the chapter.



Special thanks to the ladies who gathered in the kitchen to clean after the meeting. In addition, special thanks to the Metropolitan Knoxville Airport Authority for allowing us to use their kitchen and classroom.

The meeting portion featured Robin Beeler who talked about her father's Boeing P-12 aircraft donated to the EAA museum at Oshkosh. Volunteers from our chapter disassembled the airplane and loaded it into a truck and secured the plane for its trek up north.

The meeting ended with the movie "THE FEATHERED EDGE" about Fighter Pilot, POW, Test Pilot and Air Show Performer Robert A. "Bob" Hoover. And bags of popcorn, thanks to Tom Roush.



Chapter 17 newest Tech Councilor provides instruction about fabric covering at MNV

Long on Safety

By Greg Long

Checklists



Checklists are a set of tools to help manage risk. Risk is associated with the mechanical aspects the aircraft, pilot wellbeing, lack of procedures, and the external environment. For the experimental/home built aircraft, there may or may not be a set of checklists from the manufacturer, and probably incomplete at best.

A preflight checklist of the aircraft's mechanical suitability for the planned flight includes: oil level, fuel levels, brakes, flaps, ailerons, prop, engine, instrumentation, radios, etc. Have it listed out so something is not forgotten.

Procedures and settings for startup, takeoff, climb, cruise, landing, shutdown, and emergencies (engines out, instrument failure, electrical, etc.) will allow for a safer, more efficient, and enjoyable flight.

In addition to the above, the FAA looks at minimizing risk through perceiving hazards. By incorporating the "PAVE" checklist (based on personal minimums) into preflight planning, the pilot divides the risks of flight into four categories: Pilot-in-command (PIC), Aircraft, enVironment, and External pressures (PAVE) which form part of a pilot's decision making process.

- "P" Stand for pilot, 80% of all accidents are pilot error. Are you tired, sick, have you eaten, taking medications, and are you alert enough to fly?
- "A" stands for aircraft. Are familiar with the aircraft and its capabilities relative to the flight planned?
- "V" stands for enVironment. Weather and terrain being the primary "V"s
- "E" stands for external pressures. Don't be in a hurry to get somewhere ignoring all other risks. Do not let others influence your decision as PIC.

A little self-reflection prior to taking off might involve postponing or cancelling the flight but could save your life.

Checklists are easy to do. Some of the more popular electronic flight bags (EFB) have them incorporated into the software.

WANTED, AIRCRAFT COVERING MATERIAL

The TENNESSEE MUSEUM OF AVIATION is in need of your old unused Dacron cloth pieces and tapes for aircraft repair, and for use on their Fokker Triplane project.

The Fokker project is a 3/4 scale WW1 Triplane that still needs to have the upper wing covered and could use your surplus material and adhesives. This could also provide an opportunity for you to try your hand at covering on a non flying project.

Please contact: Jerry Depew, 865-789-0899 or the Tennessee Museum of Aviation, 865-908-0760 and ask for Jeff.



Liability Refresher Amateur-Built Aircraft.

Twenty three years ago, in 1995, a study was done by Paul A. Lange of Southern Methodist University and accessed here: <http://lopal.com/wp-content/uploads/2014/02/1995-Tort-Liability-Surrounding-Homebuilt-AC.pdf>

Here is a study, done years ago, highlighting builders' exposure under the subject of Liability.

At the end, a very hard process must be followed that, to date, has not rendered successful verdicts against individuals, because there is no monetary reward at the end of the rainbow. As you see in the study, entities involved in the business of manufacturing of aircraft were the targets of the civil actions. Remember why Cessna and Piper quit manufacturing single-engine aircraft or tripled the prices thereafter?

That does not mean some plaintiff with hugely deep pockets and an ax to grind cannot try. But, what For? Is it all about the money?

Bottom line is, in the last 22+ years since this study was accomplished, no one has successfully gone there yet. The number of Home-built aircraft completed and flying doubled in the time period from 1985 to 1995. NTSB and FAA registry data shows that the numbers doubled *again* from 15,437 to 33,000 in 1993 to 2012 respectively. (NTSB Number: AAR-12-01)

We can never say never, but we have higher odds of getting killed on the highways within 25 miles of our homes than we will by defending a lawsuit of this subject.

Keep on building! Enjoy Life!

Merry Christmas and a Happy Building New Year!

Jim Auman

EAA Chapter 17 Technical Counselor

FAA Designated Airworthiness Representative (DAR)





Don Walter is offering to sell half interest in his 1964 Mooney based at Madisonville (MNV)

A 99 pilot friend,
 Karen Hughes
 and the EAA
 chapter 1494 are
 having a scenario
 -based class for
 non-pilots-
 if interested
 please contact
 Karen:
 kahughes@
 bellsouth.net

FLYING COMPANION SEMINAR
SATURDAY, JAN. 13TH
9AM - 1PM
 LUNCH AVAILABLE

KMOR MORRISTOWN, TN
 Cost: \$25



Pinch  Hitter
ONLINE SAFETY CENTER

**AN INTERACTIVE, SCENARIO
 BASED CLASS FOR NON-PILOTS**

**LEARN HOW TO BE A BETTER
 FLYING COMPANION:**

- MORE COMFORTABLE**
- MORE HELPFUL**
- MORE SITUATIONALLY AWARE**

Morristown Airport
 KMOR
 Hosted by EAA Chapter 1494
 Tennessee Chapter of the Ninety-Nines
 Morristown Flying Service
 Contact: Karen Hughes
 kahughes@bellsouth.net

FLYING COMPANION SEMINAR
SATURDAY, JAN. 13TH
9AM - 1PM
 LUNCH AVAILABLE

KMOR MORRISTOWN, TN
 Cost: \$25

You can own your own airstrip!

Scenic 129.35 acre aviation property with 2400 foot grass airstrip (under construction). Metal 40x60 hanger with insulated roof, concrete floor, 40 ft door opening with standard personnel door. Property 1/2 pasture 1/2 wooded, spring, 2 ponds, several building sites with mountain views of the Cherokee National Forest & bordering the beautiful Tsali Notch winery vineyard.

Ten-stall metal horse barn having electric & water, tack room, large stall for mama horse. Another 40x60 hay storage shed. Log home 3 bedroom 2 bath, gas fireplace, covered front porch, open decking w/ hot tub. 3 yr metal roof, HVAC 2013, detached 40x30 garage with

Lisa Hunt

675 New Hwy 68
P.O. Box 147
Sweetwater, TN 37874423-807-7653
hunt4lisa@aol.com
<http://www.lisahunt.realtor>



2,400 FT AIRSTRIP 129.35 ACRES



water & electric, 15 foot lean-to.

This extraordinary property would be great for development or private aviation horse farm located between Chattanooga & Knoxville.



Jules Bernard turns 97 with a party at the Tennessee Museum Of Aviation.

Message from your President

I

hope you all had a Merry Christmas and looking forward to a great 2018. Myself, as well as your other Officers and Board members will be working hard to continue to do what we can to make 2018 our best year ever.

As a chapter, we accomplished a lot in 2017 and had a lot of fun doing it. We held another nice annual Banquet with Mark Baker from AOPA as our keynote speaker.

We held our first annual Fly-in picnic at DKX.

We gave many young kids their first flights through our Young Eagles program.

We moved our regular meetings to the TYS 510 Center Building from Sky ranch since we out grew that facility. Now that we are using this larger facility, I would like to encourage everyone to get back to recruiting new members. We have many new members with diversified aviation backgrounds.

We disassembled a Boeing P-12 replica experimental aircraft for shipment to the Oshkosh Museum and EAA is writing up an article on our chapter to acknowledge this.

We created a new safety officer position with Ken Strong serving us in that capacity. We brought on another Tech Councilor, Max Burnette, who will help our members with their dope and fabric needs.

We started providing food during our social time before each meeting and I'd like to know what dish you are bringing to share a couple of days in advance please.

Many of our members attended Sun N Fun and Oshkosh and some camped at Triple Tree over the Labor Day holiday week in South Carolina.

Our Webmaster, Robert Berlin, made many improvements to our site and in 2018 has more improvements in the works. He also produced the video of our tech councilor, Jim Auman (DAR), working with Marvin McGraw to get his newly built RV14 legal, and into the flight phase. You can view this video on our face book page. EAA national may use this video.

We plan to hold a board meeting sometime in January for our 2018 planning. You will get an email announcement on this and feel free to attend if you want to see what goes on behind the scenes and maybe get involved yourself.

We voted in our first member elected Board member, Greg Long, and elected Ken Strong to serve as our #1 VP. All other officer positions remained the same for 2018.

Remember no meeting in January due to it falling on New Year's day.

George Douglas



EAA Chapter 17

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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 EAA Member # _____



Name: _____

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 \$ _____

Pay Now

