

MAY 2018



Mountainland Flyer



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Next Regular Gathering

May 7, 2018

We meet the first Monday of the month at McGhee-Tyson 510 Center. Come early to visit and eat. The program starts at 6:30 PM.

Greg Long will give his presentation on his airplane and recent avionics upgrades. Sam Robinson, Judy Wayman and Sandy McGraw will share the results of their presentation last week to the Air Academy that MKAA holds each year. The rest of the meeting will be mostly planning for our upcoming events.

NEXT MEETING MAY 7 at 6 PM

We are changing the times of our meetings to start earlier so that we can exit the building by 9 PM.

We now plan to start our Social time at 6 PM and start the meeting at 6:30 PM to allow enough time for our presentations.

This is important because a paid MKAA employee must secure the building before they are off the clock and get to go home. The Metropolitan Knoxville Airport Authority is allowing us to use the facility at 510 Center and we do not want to become a burden. We appreciate the use of the meeting room with its ability to make electronic presentations and a kitchen that allows us to serve meals to our members.

Message from your President

We have lots of good member activity to report since last month. Sun 'n Fun is behind us now where we had 19 members and friends attend this year. **Marvin McGraw** flew his RV 14 down for a short visit, but ended up staying for the whole event so they could judge his build. He won Reserve Grand Champion and would have won Grand Champion if he had brought his logs with him. This is a great award since first time builders rarely receive it. **Jim Roberts** won Outstanding Classic for his Swift aircraft. Several of us attended the EAA corn and brats roast where we learned about some new programs EAA is working on.

May 12th we will be holding our Young Eagles event at DKX downtown airport. We could still use some volunteers so please register on our website or contact Marvin directly. Right after that, we all are invited to attend a cookout on May 26th at Deerfield Airpark on Norris Lake. If you plan to attend, they will need to know what kind of dish you plan to bring. Then in June, we will be hosting the B-17 tour at TYS on the Tac Air ramp. We will be discussing all the details of these events at our May 7th meeting.

When you need your next BFR or just general instruction in your Aircraft, please contact fellow member, **Linwood Stevenson** at 865-300-6244. **Jerry Depew** is getting his

done on the way to the CAP breakfast in Dayton and then flying to Chilhowee Glider port for a soaring lesson. Lin is also a glider instructor and several of us have expressed an interest in going up with Lin in the near future. We still have too many empty seats in our aircraft when flying to cook outs, breakfasts, and just general flying. Please let us pilots know that you would like to be contacted at next flying opportunity.

Monday's meeting **Greg Long** will give his presentation on his experimental and recent avionics upgrades. **Sam Robinson & Judy**

Wayman and **Sandy McGraw** will share the results of their presentation last week to the Air Academy that MKAA holds each year. The rest of the meeting will be mostly planning for our upcoming events.

Keep in mind that our social time now starts at 6:00 PM with the meeting starting at 6:30 PM and end by 8:30 PM. Our chapter will provide the main dish and refreshments, as usual, and hopefully some of you will bring your favorite desert to share. I am looking forward to our gathering May 7th at the 510 center building at TYS and hope to see you all. Don't forget to email me if you have something you would like us to cover at the meeting.

George Douglas

Chapter 17 President



YOUNG EAGLES MAY 12 AT DOWNTOWN ISLAND AIRPORT

We need our Pilots and Volunteers to report for duty Saturday morning to take youngsters on their first flight after attending an introductory Ground School. This will be their first time in an airplane and we want to make this a rewarding experience. We may not inspire everybody to become a pilot, but we can make them an informed political ally friendly to aviation.

Here is some YE material. I don't know if we want to break in into separate articles? We currently have a little over 30kids, 8 to 10 pilots and 8 to 12 ground volunteers. Robert has made a press announcement and I am working on an email to 200 past Young Eagles. Also weekly update emails to the volunteers will begin next week.

Marvin McGraw

May is coming and we are excited for our new Young Eagles:

The Chapter 17 Young Eagles event is coming soon to Knoxville Downtown Island Airport. We hope for good weather on Saturday May 12th (rain date Saturday May 26th). We are pleased with the support the Chapter provides for this annual event. It really is a lot of fun to be with each other all the while introducing young people and their families to aviation.

If you have the time please contact us at <http://www.eaa17.org>. At the Chapter website you will find places to volunteer as ground support or pilot. The signup process allows us to know how to contact you in case of a change and for pilot volunteers it ensures we can preprint forms which must be signed during the event. Without this pilot registration information each pilot would need to fill out about four documents per child, that is a lot of time we prefer not to require of our volunteers. The website sign up process is designed to help you help the kids. You interact with the Young Eagles and we will process the paperwork quietly in the background.

What is Young Eagles?

The Young Eagles program was developed by the EAA to ensure the future of aviation by introducing children, that may not even be aware of general aviation, to the opportunities that are available. At it's base it is a fun day at the airport with friends and family. Can you think of a better way to spend your Saturday?

What it provides is far more than advertised. During a Young Eagle event each child is given a short ground school that includes the basics of how airplanes fly and equally as important is a bit of training on how the child needs to respect the rules that make the flight safe and fun for everyone. Parents, legal guardians, and other family and friends are encouraged to participate. The more fun they have as a family the more likely we are to see that child take an interest in aviation.

Next, they and their family are escorted to one of our volunteer pilots for a pre-flight walk around and pictures. After settling into the aircraft the family members are safely escorted off the flight line and the really fun part begins. Each child is flown for about twenty minutes as the pilot points out landmarks and explains the mechanics of flying the aircraft.

After what we hope is a memorable flight the new Young Eagles are escorted back to the registration area where volunteers fill out a logbook and Certificate of Completion. This portion is actually very important and we attempt to have the Parents/Legal Guardians involved.

A Young Eagle event is far more than an introductory flight. Each participant receives a logbook signed by the pilot. That logbook has a code on the back that allows for many benefits provided free of charge by the EAA organization. For example: A free student membership into the EAA which includes all benefits of the organization including a monthly copy of the Sport Pilot Magazine. But wait there is more, Sporty's Pilot Shop provides free of charge the Private Pilot License online video course. This is not an abbreviated introduction, it is the actual course to become a private pilot! If that is not enough, upon completion of the course, the EAA provides a certificate that the child (must be at least 13 years old) can use for a free one hour flight lesson with a professional instructor.

What happens after the Young Eagle Event?

Many of the children that attend the Young Eagles event may be content to merely experience the freedom of flight as a fond memory. However, what do we do with a child that is smitten with the idea of flight? After all, is it not our goal to create future aviators?

Well up to this point we, as a Chapter, have given the Young Eagle an introductory ground school and flight. They have completed the Private Pilot Ground School Course and taken actual instruction with a professional instructor all provided by you and the EAA. That is a significant investment of time and effort on your part. We hope the child would continue, but we understand they may need guidance.

The EAA provides a one week Aviation Academy in Oshkosh Wisconsin with the goal of continuing the education for future aviators. The EAA Chapter 17 board members have been in discussions on the best way to sponsor Young Eagles that have shown above average interest and desire to become aviators. The hope is that Chapter 17 can sponsor one or more outstanding individuals to attend the Aviation Academy.



FLYING FORTRESS VISITS KNOXVILLE June 21 to 24

The EAA B-17 Bomber, *Aluminum Overcast*, will come to the TAC AIR ramp at McGhee Tyson airport on the Alcoa Hwy. It will remain for 4 days. We need many volunteers to work that Thursday through Sunday. A computer survey will ask you to volunteer a morning or afternoon shift, or you may volunteer for the full day. We will talk about this at the next meeting. Please inform us of your intentions at the next meeting so we may be better prepared.



FUTURE CHAPTER 17 FLY OUT AND COOKOUT

George Douglas has been working with the airport manager Tom Mc Cosh at the Monroe County airport (MNV) as a destination for a chapter event. Tickets will be sold for a meal that will be prepared for us and we can socialize with our many members, and again trade airplane rides with other pilots. This will be an opportunity to ride in an airplane that you may be interested in building or flying.

ANNUAL CHAPTER BANQUET SET FOR OCTOBER 6

George Douglas announced the dates for our 2018 banquet and speaker have been locked in.

We will be holding it on October 6th, 2018 at Bearden Banquet Hall. John (lites) Leenhouts President & CEO of Sun N Fun Expo Campus will be our speaker this year. The times and location are the same as last year. George was careful to schedule our banquet on an off weekend for the UT football team so there will be no conflicts.

ADVERTISEMENT

Dan Valle Chapter 17 Member offers Aircraft Certs

For VFR \$85, with Mode S VFR \$100...Less than 30 minutes

For IFR \$275, Mode S \$300...About 2 hours

If enough folks sign up for service, he will come to you, Or, if owners don't mind the short flight to TN44, he can handle here.

Contact Dan Valle

Cell 313-539-9818

A portion of the proceeds from members certification testing is returned to Chapter 17

Long on Safety

By Greg Long

So, You Have Had an Accident or Incident? . . .

What is the difference between an accident and incident? The FAA defines an accident as:

Aircraft accident means an occurrence associated with the operation of an aircraft that takes place between the time any person boards the aircraft with the intention of flight and all such persons have disembarked, and in which any person suffers death or serious injury, or in which the aircraft receives substantial damage.

An incident is defined as:

Incident means an occurrence other than an accident, associated with the operation of an aircraft, which affects or could affect the safety of operations.

Substantial damage means damage or failure which adversely affects the structural strength, performance, or flight characteristics of the aircraft, and which would normally require major repair or replacement of the affected component.

Engine failure or damage limited to an engine if only one engine fails or is damaged, bent fairings or cowling, dented skin, small punctured holes in the skin or fabric, ground damage to rotor or propeller blades, and damage to landing gear, wheels, tires, flaps, engine accessories, brakes, or wingtips are not considered "substantial damage".

Knowing what is required to be reported is very important, reporting something NOT required can bring undue attention from the FAA and not to mention misery.

Whom do you contact?

Contact NTSB (Part 830) within 10 days. **NOT** the FAA.

What information is required for the initial notification?

1. Type, nationality, and registration marks of the aircraft;
2. Name of owner, and operator of the aircraft;
3. Name of the pilot-in-command;
4. Date and time of the accident;
5. Last point of departure and point of intended landing of the aircraft;
6. Position of the aircraft with reference to some easily defined geographical point;
7. Number of persons aboard, number killed, and number seriously injured;
8. Nature of the accident, the weather and the extent of damage to the aircraft, so far as is known;
9. and A description of any explosives, radioactive materials, or other dangerous articles.

If an accident is being reported, it must be made on NTSB Form 6120 and filed with the nearest NTSB field office within 10 days of the accident.

What you need to do in the event of an aircraft accident:

1. Get a safe distance from the aircraft.
2. Assess medical needs.
3. Report the accident.
4. Call your insurance agent.
5. Get pictures. Before it is moved, get pictures from every angle to show all the damage.
6. Protect your aircraft. Depending on the location and severity of the accident, you may need to wait for the authorities or your insurance carrier to authorize the movement of your aircraft to a secure area.
7. It may also be your responsibility to see that the aircraft is relocated. Make sure the new location is secure yet accessible to you and your insurance claims person. Consider a local FBO or repair shop.

What happens after notifying NTSB?

The reported event will be evaluated and a determination will be made whether or not the NTSB will investigate the event. All aircraft accidents are investigated in some capacity, as are select incidents. If an investigation is opened into an event, an investigator will then contact the operator/reporting party to request additional information.

Hopefully none of us will have to go through the above at all, or at least not *too* often!

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.

- May 5 First Saturday EAA Chapter 1494 Breakfast at Morristown (MOR) (32 miles from DKX)
- May 5 First Saturday Breakfast and program. EAA Chapter 690 at Gwinnett Co. (LZU) (137 miles from DKX)
- May 5 First Saturday Breakfast. Winchester (BGF) (135 miles from DKX)
- May 7 First Monday of the month EAA Chapter 17 meeting at 510 Center building at McGhee Tyson airport, 2950 Airfield Service Dr. Alcoa TN 37701 (Near the airport Hilton).
- May 12 YOUNG EAGLES at KDKX with May 26 as a rain date.
- May 12 Second Saturday Breakfast. Monroe Co (MNV) (41 miles from DKX)
- May 12-19 JOE NALL RC AIRCRAFT CONVENTION. Camping available, drive in only, No airplanes allowed. Triple Tree Aerodrome, Woodruff, SC. See events at SC00
- May 18-20 Blairsville Pilots Fly Out to Dayton, OH to tour the Wright Brothers facilities and Wright Patterson AFB Museum. Contact Dan at: dan103144@gmail.com for more information.
- May 19 Third Saturday CAP Breakfast at Cleveland (RZR) (73 miles from DKX)
- May 19 Third Saturday Moontown, AL breakfast. (3M5) (168 miles from DKX)
- May 26 Fourth Saturday CAP Breakfast at Dayton (2A0) (68 miles from DKX)
- May 26 Cookout with Chapter 17 guest at Deerfield (TN44) (28 miles from DKX)
- June 21-24 The EAA B-17 Bomber comes to Knoxville McGhee Tyson airport to give tours and rides.
- October 6 Annual Banquet Luncheon: Bearden Banquet Hall. John (lites) Leenhouts President & CEO of Sun 'n Fun Expo will be our speaker this year.



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.

FLYING FORTRESS VISITS KNOXVILLE

The EAA B-17 Bomber will come to the TAC AIR ramp at McGhee Tyson airport on the Alcoa Hwy. It will remain for 4 days to offer tours and rides in the airplane. Active Duty and Veterans will receive a free tour (a \$10.00 value) so bring your DD-214 or proof please. This will be a great opportunity to bring your children and teach them some WWII history. Of the necessity of formations of bombers to fly for hours over enemy territory, defending themselves from enemy fighters and that there was no defense against enemy FLACK, to strike at enemy strategic targets.



Climb aboard EAA's B-17G *Aluminum Overcast* for a once-in-a-lifetime opportunity to fly in one of World War II's most vital aircraft.

MCGHEE TYSON AIRPORT

JUNE 22-24, 2018 * KNOXVILLE, TN

FLIGHT EXPERIENCE PRICING AND TIMES

Flights available 10 a.m. to 1 p.m.

EAA MEMBERS

\$435

NONMEMBERS

\$475

Includes a FREE one-year EAA membership



GROUND TOURS PRICING AND TIMES

Ground tours available 2 to 5 p.m.

INDIVIDUALS

\$10

8 & under w/paid adult are FREE

FAMILIES

\$20

Adults and children up to age 17

**VETERAN/
ACTIVE MILITARY**

FREE

Visit B17.org or call **800-359-6217**.



April 2nd Meeting Report

By Gary Picou

The meeting was called to order at 18:45 PM, by George Douglas. The meeting time has been moved up to allow the group to depart before 9:00 PM at the request of our hosts. MKAA provides staff to assist. Future gatherings will begin at 6:00 with business at 6:30 PM.

Our guest was introduced, Dean Parsons of Madisonville.

Stephen Wickizer, reported on his experience at the EAA "Bootcamp" attended at Spruce Creek airport in Florida. He discussed the experience, and the plans for a Chapter 17 Calendar featuring member airplanes "beauty shots."

George Douglas introduced possible Amzoil aviation research possibilities for Chapter 17.

Marvin McGraw reported on the progress toward May 12 Young Eagles Event, and reported the chapter has \$385 in Young Eagles credits.

Robert Berlin proposed the idea of Chapter 17 sponsoring Elizabeth Keller, a Knoxvilleian in MTSU's aviation program who is participating in Texas-Maine Air Race Classic. The assembly voted unanimously to donate \$500 toward her efforts. Cessna has provided a 172 to MTSU for the purpose. There is a GoFundMe website for those who wish to contribute individually.

Sam Robinson discussed the upcoming B-17 Visit.

John Haynes and Linwood Stevenson held a discussion about their new RV-6A aircraft owning partnership, a "C" corporation, their buying experience with George Douglas advice, and the tax implications of moving an aircraft across state lines. The meeting was adjourned at 20:30.

Pilots and Aviation Enthusiasts

Please mark you calendars, plan to attend, and share this information...



2018 MICHIGAN AIR TOUR (MAT)

September 21-23, 2018

Pre-Tour Welcome Party on September 20th

Planning is underway. Registration will be open soon. This year's MAT will be hosted from a central airport with fly-outs to other airports around that central location. One hotel; no need to pack and unpack daily. Grass airstrips and airports that have not been on past tours will be included making for new adventures. Spot landing contests are being considered to challenge piloting skills.

Watch for more details coming soon on michiganairtour.org

Please SHARE this info with other pilots: my mailing list is limited. Thanks!

Rebecca Duggan

President

Michigan Aviation Education Foundation [586-839-7252](tel:586-839-7252)



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 \$ _____



Mustang II Experimental Aircraft

Project is approximately 90% complete. Very few things remaining to do or buy. Selling because I don't have time, willpower, or space to complete, in addition to plane no longer meeting mission needs.

Comes with an experimental O-360, set of basic instruments and avionics, and brand new ACK 406MHz ELT. Previous owner had planned on running as an injected engine, however I like carburetors better and purchased a carb. I still have the injection servo and it is included with the sale, so you can decide.

The wings are factory built. Tricycle gear- save a fortune on insurance vs tailwheel.

List (not necessarily exhaustive, but shouldn't be much worse) of things that need to be done:

- Install elevator and rudder (assembled and included in sale)
- Install trim tab and cable
- Finish welding canopy frame and fabricate canopy skirt
- Fabricate and install wingtips
- Modify lower cowling for engine mount clearance
- Nosewheel –rudder interconnect
- Paint

The current factory price for a quick build Mustang II kit is \$31,265, not including engine, instruments, or avionics- which conservatively adds another \$15,000.

You should be able to get this bird up and in the air in no time, at a significant cost savings versus buying a new kit from the factory. **My price is \$24,000.** I may also consider a trade/partial trade for a Cherokee 180/235, Cessna 175 with O-360, or early 182.



Project is located in Lenoir City, TN. If interested, please contact Jairus Hines at KG4PAM@gmail.com. You can also check out more photos at this link: <https://drive.google.com/open?id=1CQuZfU8A582x5gwer1VevJeNYNfkgN8>

Thanks!!