

December 2015



Mountainland Flyer

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EAA Chapter 17, Knoxville Tennessee

Next Meeting:

Monday December 7, 2015 6:30 PM

DECEMBER MEETING at Sky Ranch will feature Jim Auman as our guest speaker.

Captain Jim has an impressive resume, but may best be known for his replica P-51 Mustang powered by a Honda V-6. Jim can draw a crowd whenever he arrives or departs with his sweet sounding powerhouse. Jim Auman has also agreed to become our new chapter Technical Counselor for 2016. Please come, meet Jim and give him a hearty welcome.



ANNUAL BANQUET WITH NASA'S PAUL DYE

By Jerry Depew

We had another outstanding Banquet Event with Paul Dye telling our large gathering of his history in aviation and a long career as NASA's longest serving Flight Director, call sign "Iron Flight." Paul came with a collection of photographs displayed on the monitors as he shared his experiences with us.

Paul is an aircraft builder too, and built his RV-8 eleven years ago which he describes as the perfect tandem. He and his wife later bought a RV-3 that is fully aerobatic and IFR equipped.

Paul Dye has not gone to space and explains that he is not an Astronaut but an Engineer.

He has experience with the shuttle simulator and offers that it is very complex. For many years he was the Flight Safety Officer exploring Risk Management and Risk Acceptance saying that it was always nice to be able to fly it again. The goal is always to have a safe and successful mission.

Some of his hints

for a successful project included: Always have an alternate plan. Have unlike redundancy. Avoid peer pressure. Testing is better than Analysis. And, Mission Creep that changes build requirements.



CALENDAR OF EVENTS

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

**December 7 First Monday EAA 17 meeting at Sky Ranch. Social at 6:30 PM and meeting starts at 7:00PM.
Guest Speaker Jim Auman and his 3/4 scale P-51**

December 7 PEARL HARBOR DAY - FLY THE FLAG

December 12 Second Saturday Breakfast. Monroe Co (MNV) Madisonville

December 19 Third Saturday CAP Breakfast Cleveland (RZR)

December 26 Fourth Saturday CAP Fly In Breakfast. Dayton, TN (2A0) (Two Alpha Zero)

2016

January 2016, EAA Chapter 17 turns 60

January 4 Trevis Gardner of MKAA will talk about the air show coming to Mc Ghee Tyson in April. This meeting will be at Mc Ghee Tyson.

February ForeFlight 101 and 201 demonstrations using your iPad

April 5–10 Sun N Fun, Lakeland Florida.

April 16, 17 Tyson Air Show. Let's plan a booth and display.



Ready to schedule: Human Factors in Aircraft Maintenance by the FAA and Gary Picou

Ready to schedule: Tom and Pat Roush flying balloons in Austria.

Flight Choice?

Trade Airplane Rides?

Old Codger Fly Out. Any weekday that the weather is good. Why wait for a weekend?

Future plans include a seminar on Mountain Flying.

Aerobatics Seminar?

Fly Out to EAA Chapter 242 in Columbia, SC.

Fly Out to Douglas, GA (KCUB) to view the Twin Mustang.

<http://www.warbirdsnews.com/warbirds-news/xp-82-twin-mustang-September-2014-restoration-update.html>

Banner Towing?

Skydiving?

Come join us for education and fun with other aviators.



EAA CHAPTER 150's ACCOUNT OF OUR BANQUET SPEAKER

By *PETER C. KING, Editor, EAA Chapter 150 & Chapter 1560*

Chapter 17 has the best speakers ever. This year it was Paul Dye, NASA's lead flight director for three Phase 1 missions and the current editor for Kitplanes magazine. If you like the recent changes in Kitplanes, you're looking at his handiwork. He is an active homebuilder and has an RV3, 6 and 8 in his home hangar. He is a member of the EAA Homebuilder's Council and is working on a Best Practices Document.

RV3a Video: <https://youtu.be/Vzwur1S-I3Y>

His presentation was based on his work at NASA. It was a discussion of a series of slogans that were used in the Shuttle Program. They can be applied to more than building an airplane.

- Understand your risk
- Understand your redundancy
- Keep things simple.
- Provide margin.
- Make data based decisions.
- Don't trust your life to rumors and old wives tales
- Testing is better than analysis.
- Know how your stuff works, not just how to work it.

Paul illustrated this one with the Apollo 13 recovery. Every procedure the team used had been developed in advance. They didn't make up anything on the fly.

- Develop your flight rules.
- Know your requirements.
- Details count.
- Learn from history.
- Statistics are playing the odds.
- Teamwork works.
- Hope is not a plan.
- Almost all accidents, incidents and mishaps can be traced to human error.



What was fun about the event was the number of NASA related stories that were told by people in the audience before and after Paul's presentation. Paul would answer each story with, "Let me tell you what really happened." The depth of the people there was impressive.

This event would make a good chapter road trip next year.

PETER KING writes for the Chattanooga EAA Chapter 150 newsletter and wrote his account of our banquet speaker, PAUL DYE copied above. He has a variety of aeronautical news and events including Burt Rutan's SkiGull and companion story of the old and new Dornier amphibious airplanes in his November newsletter.

The Chattanooga chapter is busy and can be found at many of our overlapping events and breakfast fly-ins. They have been planning a Chapter FLY MARKET at Dayton, Tennessee to coincide with the Dayton Fourth Saturday CAP Breakfast, and we have been invited to join. They share our newsletter with their members and we link to their current edition from our website.

Want Ad

Good Airplane for sale

Ron Poor in Oliver Springs bought a Bonanza and is selling his 1957 Champion Tri-Traveler for \$25,000

It has 250 SMOH on its Continental 90 hp with an electrical system and starter. The airplane is best described as an Aerona Champ with a nose wheel. It has all the hardware fittings to convert it to a tail dragger Champ, but that would make it go from rare to mundane.

This could be a great first airplane for somebody or a club airplane for some to play with. No, it is not LSA eligible.

The fact that this machine was owned and maintained by an A&P / IA isn't bad either. He even offers the shop manual for it. Ron Poor 865-660-2146



CHAPTER OFFICERS FOR 2016

These new officers will take over January 1st.

President George Douglas

Vice Presidents Sam Robinson and Mark Scheuer .

Secretary Gary Picou

Technical Advisor Jim Auman

Treasurer Alex Shore

Young Eagles Directors Gordon and Karen Meyer

Thanks for volunteering!

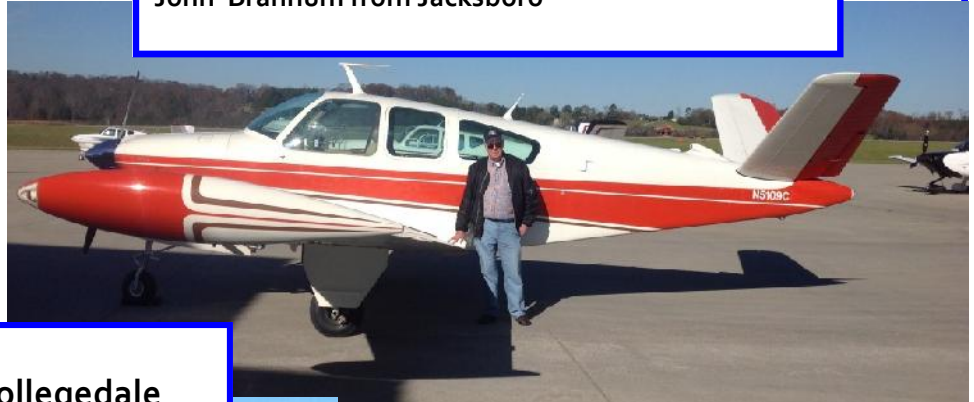
CLEVELAND CAP BREAKFAST

By Jerry Depew

The Third Saturday CAP fly in breakfast has been growing in popularity since they started just a few months ago at the new Cleveland airport. They have a dining area upstairs with a wall of glass overlooking the tarmac filled with breakfast arrivals. With cold weather settling into Tennessee it is nice to have a warm destination on the limited flying opportunities.

If you have not already visited the new Cleveland Regional (RZR) just 73 miles SW of Downtown Island airport, you would enjoy their beautiful two story brick building. It has elegant furnishing complete with panoramic views and fireplace. There next breakfast is December 19. See you there.

John Brannum from Jacksboro



Rich Nadig from Collegedale



Bob Milam from Collegedale



**Civil Air Patrol
Breakfast in
Cleveland**

SURVEY...

a request from EAA Chapter 17 for volunteers for the Smoky Mountain Airshow.



As you probably already know, there will be a major Airshow at McGhee Tyson next year on April 16 and 17. Headlining will be the US Navy's Blue Angels Demonstration Team and several other 'Big Name' performers. EAA Chapter 17 will be involved in some significant way. Based on very preliminary contact with the organizers, our function will likely be in the general areas of supporting their Information and Hospitality Booths, interacting with the spectators, and providing Static Aircraft displays.

Before we continue further with the Organizers (Smoky Mountain Air Show), we need your input. At this point, absolute commitments are not needed, but we do need your 'best guess' as to how much time and effort you can provide.

Based on your response, we will be better able commit to the extent of our involvement and support. EAA Members, Chapter 17 Members, and interested aviation community members are all invited to respond.

This survey will be conducted online, and you will be receiving an email invitation to participate. The questions are included below so you can contemplate your response.

Please respond to the survey *as soon as possible* so we can discuss the data at our next Chapter Meeting. (December 7th, Sky Ranch, 6:30 PM).

SURVEY.

1. Are you a member of EAA chapter 17? Yes. No.
2. Are you a member of EAA National? Yes. No.
3. Would you be willing to work a 4 to 6 hour shift on Saturday? Yes. No.
4. Would you be willing to work a 4 to 6 hour shift on Sunday? Yes. No.
5. Are you flexible and willing to work whenever and wherever needed. Yes. No.
6. Would you like to work in the Information Booth? Yes. No. NA.
7. Would you like to work in the Hospitality Booth? Yes. No. NA.
8. Would you like to work in the Static Display area? Yes. No. NA.
9. Would you like to be involved in the planning of Chapter 17's role? Yes. No.
10. Do you have an interesting aircraft you'd like to Display? Yes. No.
11. Do you have suggestions for interesting Aircraft Static Display? Yes. No.
12. Comments:

Please add your comments here on any aspect of Chapter 17's participation in the Airshow.

Thank you from the Chapter 17 leaders!

RANGER ROY APPUGLIESE GAVE THE NOVEMBER MEETING

By Jerry Depew

After a recent AOPA seminar titled *AFTER THE CRASH*, Tom Roush overheard Roy say that he could expand on that subject. Ranger Roy is retired from the US Forest Service and has experience as a firearms instructor, boating instructor and SCUBA diver. He is not a pilot but has flown in fire suppression aircraft.

Ranger Roy brought his collection of safety and survival equipment and gave a demonstration with some of the survival equipment. I am disappointed to hear that my little package containing a Space Blanket is very flimsy and will not stand up to much usage.

Carry a large plastic trash bag that will serve several uses from warmth to shelter. Tom Roush talked about his using some of his old balloon cloth. It is light weight and folds very flat and could be used for multiple purposes.

“The greatest factor that dictates how long anyone will spend in any wilderness environment is your capability to signal for help.” According to Ranger Roy (I like saying that) who suggested you consider the following :

Fox or Storm whistles (brand names). Signal Mirror. Strobe Light. Bright Cloth Kerchief that could be used for a Doo Rag (hat), Bandage, sling or signal flag. Waterproof Light. Repair Kit or Tools. Even a small Trauma Kit.

Roy also offered these tips:

Dress for the Route. – Shorts not recommended if you have to hike out.

Keep Survival Gear in Zip Lock Bags – to keep it dry.

Label the Bag. – *You* may not be the user.

If You Have to leave the Plane, – leave a note with your condition and your intentions.

If you shared a selfie before departure, there would be a picture of your plane and your apparel to assist rescue.



Roy Appugliese at the November Chapter 17 Meeting



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



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 \$ _____

