

January 2016



# Mountainland Flyer

## Your 2016 Chapter 17 Officers

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*EAA Chapter 17, Knoxville Tennessee*

### **Next Meeting:**

**Monday January 4, 2016 7:00 PM**

Chapter 17 has been invited to meet with Trevis Gardner (MKAA VP of Operations) to learn about the logistics of planning and managing a major air show. This is a timely opportunity to get a closer and detailed look as our airport readies for the April 16, 17 'Smoky Mountain Airshow' featuring the Navy's premier Demonstration Team, the Blue Angels. The meeting IS NOT intended to be about Chapter 17's potential role in the Airshow, but rather the overall logistics of the event.

While the exact responsibilities our Chapter 17 will have at the Airshow, details remain 'TBD'. We will be involved in a 'significant way' and details are being worked out. Stay tuned. In any case the airshow will be a great opportunity for us to learn more, and the meeting at TYS will feature some of the key folks who are making the show happen. We are sure to gain insight on how to run our events better, especially the Young Eagles and Ford Trimotor events.

**Meet us at 2950 Airfield Service Drive, Alcoa 37701 Building #510 "Airfield Maintenance Operations Center," and remember, the meeting begins at 7:00 PM.**

**DIRECTIONS:** From Alcoa Hwy just south of the passenger terminal area, turn onto McGhee Pl. Turn Right onto Airport Hotel Dr. Turn Left onto Terminal Service Dr. Turn Right onto Airfield Dr. Then turn immediately Left onto Airfield Service Dr. Arrive Building #510 "Airfield Maintenance Operations Center."



## From the new Chapter 17 President . .

As your new president for 2016, I would like to remind you all that January is our chapter's 60<sup>th</sup> year of continuous operation. Not many organizations last that long, so I would like to challenge all of us to reach out to other aviators we come in contact with and invite them to join our chapter. Numbers by themselves should not be the driving force, but by bringing others into our organization we have the potential to improve our meetings and outings from people that may have different experiences and aviation backgrounds to share.. January is our normal month for renewals, so if you haven't renewed yet please do so.

As we move into 2016 we have some real interesting things coming up soon, with the Ford Tri-motor flights and the TYS airshow that we currently planning. I would also like to bring up for discussion holding some of our meetings, or extra meetings on Saturday mornings, at different locations in our area. For example we could have meetings at my airstrip, as well as other members' strips, and even at small airports. This would allow members the choice to drive or fly.

I would also like to hear from members through emails or phone calls to let me know what they would like to see covered at future meetings. For example we could have a portion of our meetings to hear from those members who are presently building aircraft and listen to their challenges and successes. They may have some questions or need help and or suggestions. We all have joined for different reasons and expectations and I would like to make sure we are addressing them the best we can.

I have been a member less than a year now, and hope that I am not coming across too pushy or full of ideas with just talk and no action. I do feel that with the great support group of officers we already have in place, and volunteers that we can make our Chapter one the best in the nation.

Best Wishes,

George Douglas

## DID YOU GET AN IPAD FOR CHRISTMAS? WANT TO LEARN TO USE FOREFLIGHT?

We are planning a comprehensive iPad / Foreflight program, hopefully on a Saturday in January. The main instructor for this will be Joe Marshall, the Chapter 17 member who made an excellent presentation to us two years ago, and has agreed to return for a follow up and expanded version. Current plans are for two sessions in one day, first a basic 2-hour presentation, followed by lunch, and then a second 2-hour, more advanced session. Jerry Depew and Tom Roush will conduct the basic session, and Joe and his associate will conduct the second, advanced session. Details are being discussed and will be available as soon as finalized. Stay tuned!



## CALENDAR OF EVENTS

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.

### January 2016, EAA Chapter 17 turns 60



- January           EAA 17 TURNS 60
- January 2        First Saturday Breakfast. EAA Chapter 690 at Gwinnett Co. (LZU)
- January 4        Trevis Gardner of MKAA will talk about the air show coming to McGhee Tyson in April. This meeting will be at Mc Ghee Tyson airport, 2950 Airfield Service Drive, Alcoa 37701
- January 9        Second Saturday Breakfast. Monroe Co (MNV) Madisonville
- January 16       Third Saturday CAP Breakfast Cleveland (RZR)
- January 23        Fourth Saturday CAP Breakfast Dayton, TN (2A0) (Two Alpha Zero)
- February 1       First Monday Meeting with Dr. Russell Gidson, AME, at Sky Ranch.
- April 5 -10,      Sun N Fun, Lakeland Florida.
- April 16         Tyson Air Show. Let's plan a booth and display.
- June             Remote Area Medical will host a D-Day memorial at Downtown Island.

Ready to schedule: Group Fly Out to the Tennessee Museum of Aviation in Sevierville.

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

Ready to schedule: Sam Kelso with pictures from his Lewis and Clark trip.

Ready to schedule: TEMPEST Spark Plugs with Vince Bechtel.

Trade Airplane Rides?

Short Notice Aviation Plans SNAP. 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 and B-17 restoration.

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

**Come join us for education and fun with other aviators.**

### **First ever SNAP (Short Notice Aviation Possibility) Flyout.**

Chapter 17 is initiating a new activity! Several of us have been flying to interesting places 'on the spur of the moment', and have been initiated by the forecast of good weather and a phone call or an email. The next SNAP Flyout is planned THIS Saturday, January 2 and will be a flight to the breakfast at Winchester TN, KBGF. The weather looks good. Winchester is about 100 miles from the Knoxville area. If you are interested, plan to arrive at or before 9:00, CST. Remember...they are CST! For the dyslexic, they are one hour earlier than Knoxville time!

**DECEMBER MEETING IN REVIEW – JIM AUMAN and ROBERT BERLIN.**

*By Jerry Depew*

**JIM AUMAN** is our new chapter Technical Counselor, and as part of his program gave detailed information and the regulations that are of particular importance to us builders and restorers. The size of the registration numbers can vary depending on the age of the aircraft or if it is a restoration of an antique. Small numbers are not allowed in the ADIZ. Of particular note was the information that the Airworthiness Certificate is to be displayed in a position that is readily seen from the outside of the aircraft and not at my ankles like it is in my Cessna. You are also in error if your Aircraft Registration renewal is then placed in front of the Airworthiness Certificate. Compliance is the pilot's responsibility.

He later talked of his choice of a homebuilt kit for his personal use, the Titan T-51, 3/4 scale replica G model Mustang with a Honda V-6 engine that gives him 160 knots at 8 g.p.h. **ROBERT BERLIN** and **JULES BERNARD** surprised us all with video production documenting a chance meeting that led to a recreation of a first flight Jules and his brothers had taken nearly 82 years earlier in Louisiana.

**MARK HIGHTOWER** overheard the story of this then 13 year old boy taking his first flight in a Waco 10 and assisted in the recreation of that flight in his personal Waco he flies commercially for Sight Seeing Tours. Robert carefully documented the flight and pro-



**Jim Auman speaks to Chapter 17— Packed House sRO!**



**Jim Auman speaks to Chapter 17**

duced an outstanding movie as a surprise for Jules and shown as a surprise for his 95th birthday at the EAA meeting.

Jules Bernard enlisted in the US Army Air Corps in 1940 at age 18.

Happy Birthday Jules, and Thank You for your service.



Visitor T MICHAEL JENNINGS attended our last meeting. He produces a Knoxville Newsletter involving airplane pictures and humor.

## HAPPY BIRTHDAY EAA 17

EAA 17 turns 60 in January. Thank you all for your past and continued support. We need your annual financial assistance to run and hopefully grow our chapter. We have some electronic needs to help our guest speakers with their presentations to our growing number of attendees. We are a non-profit group dedicated to promoting education in aeronautics, flying safety, navigation, amateur or home-built aircraft, antique aircraft restoration and construction, and related aero-sciences. Cost is \$20.00 and our membership cycle runs from January to December. If you have not already renewed for 2016, you may join or renew using a credit card or Pay Pal by going to:

[www.eaa17.org/ea17membership.htm](http://www.eaa17.org/ea17membership.htm)

You may renew by mail to: Chapter 17 C/O PS Engineering, 9800 Martel Road, Lenoir City, TN 37772  
If you pay at one of our meetings I will give you a registration form and a chapter patch for renewing. If you renew by other means, Jerry (or other Chapter official) will give you one when you attend your next meeting.

## THIRD CLASS MEDICAL. REFORMS IN PROGRESS

Doctor Russell Gibson of Maryville is an FAA Designated AME and has spoken to our EAA 17 chapter before and has agreed to talk to us again. He may perhaps answer questions as the Pilots Bill of Rights progresses from House to the Senate and how the new laws will affect us as Pilots. Plan to meet with us at Sky Ranch on the first Monday, February 1 at 7PM. Come at 6:30 to visit before the meeting.

## SNAP! SHORT NOTICE AIR POSSIBILITIES



**SNAP! SHORT NOTICE AIR POSSIBILITIES** EAA 17 members gather at Rough River for their Sunday Buffet.

*By Jerry Depew.*

**W**e have been having a hoot flying to interesting places . . . on short notice. This includes Saturday Breakfasts and \$100 hamburgers, but also more ambitious destinations. Recently, I have flown to a Sunday Buffet in Kentucky with George and Shirley Douglas and Tom and Pat Roush, and have tentative plans to fly to Douglas, Georgia and another to Columbia, South Carolina. There are many interesting destinations, and flying to them with friends just makes them more enjoyable.

If you would be interested in starting a clearinghouse for potential candidates, I could collect your email addresses and share the information with the others. If there really is any serious interest we may get Gary Picou to create a place on our EAA chapter website: [www.eaa17.org](http://www.eaa17.org) In the meantime you may send your name and email to me at: [jerrydepew@bellsouth.net](mailto:jerrydepew@bellsouth.net)

**NOTE:** SNAP notices are not sanctioned by EAA or Chapter 17, and are intended solely as notification for interested parties. Any decision to fly or not fly is done by the individual pilot, and should be made individually, based on his or her abilities, aircraft, weather analysis, and other factors normally expected for safe flight.

## ANOTHER VISIT TO ROUGH RIVER

By Jerry Depew

On one of those bright and clear Sundays a group of our chapter members were able to fly to Rough River (2i3) for one of their Sunday Brunch events. Pictured is incoming Chapter 17 President George Douglas and his wife Shirley. Also Tom and Pat Roush. We were also joined by a friend of Tom's, Charlie Hall from Southern Indiana. Christian Bailey, from Surrey, UK flying a fast Canard, Berkut 540 (230 Kts at 75% power) was flying from California to Boston and was just stopping for lunch. I was taking the picture, and we all had a great time and are now planning another outing to The 57th Fighter Group restaurant at Peachtree Dekalb (PDK) near Atlanta for another buffet. You should Plan to join us.



## FORD TRI-MOTOR COMING SPRING SIXTEEN

Sam Robinson has contacted Kristin at EAA about the tri-motor for next year. She has us on the route planning spreadsheet for the tri-motor spring tour. She'll contact him about possible dates when things start coming together, but has been asked to avoid the Knoxville airshow weekend.



## EAA CHAPTER 17 PATCHES

We have new chapter patches available for our members. Cost is \$5.00 and benefits the chapter. This time they are offered in Orange and White as well as the traditional Blue and White. One new patch will be given with membership renewal.



## 2015 E TN AVIATION IN REVIEW

**BARRY SANDERS** spoke to our group about fuels, oils and tips for protecting and maintaining our aircraft engines.

**ALBERT ROBINSON** allowed us to visit his home to view his RV-10 project.

We tried to set up a Fly A Vet program but medical problems prevailed.

We planned a gathering of EAA 17 members to meet during the Sun N Fun airshow.

**MARVIN** and **SANDY McGRAW** hosted a meeting and lunch at their airport, 5TN4

**JUDY WAYMAN** won the Poker Run sponsored by Cleveland Regional Jet Port.

The **Downtown Island Airport** was selected by Tennessee Department of Aviation as the 2015 Airport Of The Year.

**CIRRUS AVIATION** announces it is opening facilities in Knoxville.

**KAREN MEYER** gave a presentation of SUN-N-FUN in pictures.

**DARRELL SEXTON**, retired pilot, FAA Controller, and now Air Boss with SEXTON AIR SHOWS gave a presentation.

**DON MILLER** presented the presentation he created to celebrate the 50th anniversary of Chapter 17.

**JULES BERNARD** was interviewed by CITYVIEW Magazine.

We talked about the completed OSHKOSH Air Show.

**SAM KELSO** returned from his flight in a Champ following the route of the Lewis and

Clark expedition to the Pacific ocean.

**MARK SCHEUER** wins the EAA Major Achievement Award.

We got new EAA 17 Chapter Patches.

**JEFF SARDELLA** and **JULES BERNARD** talked about the airplanes and restoration of aircraft at the Tennessee Museum of Aviation.

EAA 17 Banquet hosted NASA Director PAUL DYE.

**GEORGE** and **SHIRLEY DOUGLAS** hosted a meeting and a meal at their home and airport, Wolf Creek (2TN7).

**ROY APPUGLIESE** gave a presentation on survival gear and on How To Be Found.

**JIM AUMAN** spoke on FAA requirements for aircraft and registration number sizes. Also talked about his 3/4 scale P-51 powered with a Honda V-6 engine.

**ROBERT BERLIN** provided a video he produced of the re-enactment of first flight in a WACO.

Magnetic-clip EAA Chapter 17 Nametags are available to all members. The small one (3" x 1") and larger one (3 1/2" x 1 3/4"), both cost \$10.00. Both feature the logo of the original nametags (of 50+years ago).

To order online, or download a paper order form, go to [www.eaa17.org/Chapter17\\_Goods](http://www.eaa17.org/Chapter17_Goods), or email: [nametag@eaa17.org](mailto:nametag@eaa17.org).



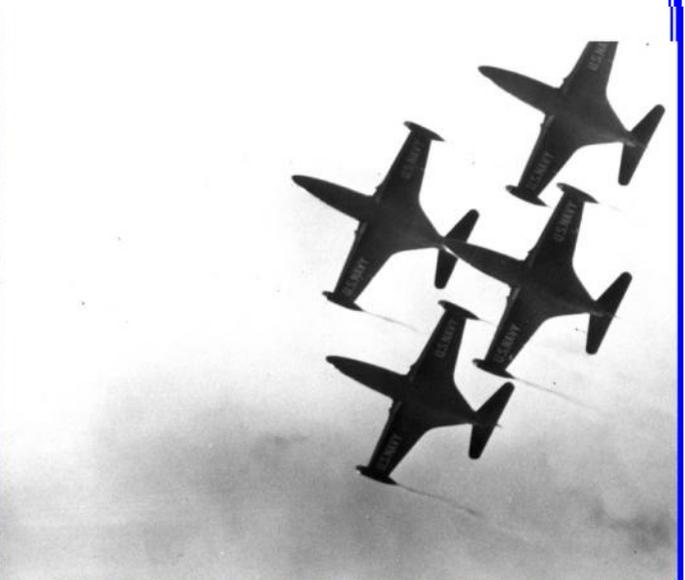
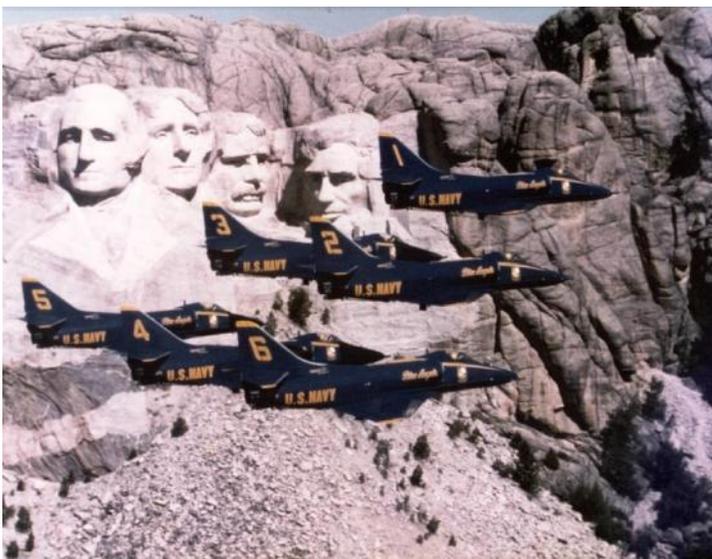
## The Blue Angels are coming to the Smoky Mountain Airshow Air Show, April 16 and 17

It's no secret among the local aviation community that the Navy's Premier Flight Demonstration team is coming to Knoxville to perform at the Smoky Mountain Airshow this coming April 16th and 17th, and that EAA Chapter 17 will be involved, 'in a significant way'. Exactly what the Organizers will ask us to do has not been finalized, but plans are expected shortly after the first of the year. In a survey that our Chapter sent out last month, we anticipate that we can provide well over 20 people to volunteer on both days, as well as providing an interesting array of aircraft for static display as well.

We are going to get an inside look at the behind the scenes details of the Airshow at our January 4<sup>th</sup> chapter meeting. Details are found elsewhere in this newsletter.

Here are some interesting facts about the Blue Angels, mostly info gleaned from the Internet.

- ➔ they were formed in 1946 (70th anniversary), under orders from Admiral Chester Nimitz.
- ➔ the first aircraft used were Grumman F-6-F Hellcats, and were replaced shortly thereafter by Grumman F-8-F Wildcats, which were the last prop driven planes flown by the Blue Angels.
- ➔ the first jets that were flown by the Blue Angels were the Grumman F-9F's straight wing Phantom, arguably the best looking airplane . . . ever.
- ➔ the current team is composed of 10 single seat F/A - 18C single seat Hornets, and 2 F/A - 18D two seat Hornets
- ➔ some say the real star of the show is the team's transport plane, a C- 130-T Hercules
- ➔ the current Team is composed of 16 Officers and 110 enlisted Sailors and Marines.



## UNMANNED AIRCRAFT SYSTEMS (UAS) REGISTRATION

If you own a drone or receive one as a gift this holiday season, you **MUST** register it with the Federal Aviation Administration's (FAA) Unmanned Aircraft System (UAS) registry. A new federal law will go into effect on **December 21, 2015** that requires unmanned aircraft registration for the safety of everyone that use the national airspace in the United States. Civil and even criminal penalties will be imposed if your aircraft is not registered after this date.

### Where do I go to register my drone?

Beginning on December 21, 2015 you may register online at

[www.faa.gov/uas/registration](http://www.faa.gov/uas/registration)

### How much does it cost?

**\$5.00** but if you register before January 20, 2016 the registration fee will be refunded!

Be sure to visit the [FAA.gov](http://FAA.gov) website to learn more about UAS and all requirements. **Have More Questions?**

### Contact:

Mr. Rocky Davidson, FAA Nashville FSDO

615-324-1318

State of Tennessee Department of Transportation  
Aeronautics Division

615-741-3208

*Don't Forget!*

**12-21-2015**



### General Information

**Is there a weight limit on what requires registration?** All owners of small UAS weighing more than 250 grams (0.55 lbs.) and less than 55 lbs. must register using this new system.

**Do children's toys need to be registered?**

Not if they weigh below 250 gm/0.55 lb. or less. Most "toys" the FAA has identified at a purchase price of \$100 or less have been determined to weigh less than 250g.

**Is the registration process different if you're a business versus a person?** The new system does not yet support registration of small UAS used in connection with a business. It will in the future. In the meantime, these entities must continue to register using the paper-based process.

**If I get a drone as a gift do I need to register?** Yes, unless the drone already has been registered in your name and you have the unique identification number. If the name or address registered is different from yours, you should update the registration to your name and address to aid in the return of your UAS if it is lost.

**Remember**



No matter the size, the **weight** of the craft determines whether it must be registered or not.



## Want Ads

### 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 Aeronca 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



### FOR SALE IN KINGSTON (12TN) Riley Creek

Half interest in a 50 X 60 metal hangar with an electric bi fold door and concrete pad to the paved runway. \$54,000

Contact Paul Lequire: 865-250-8021 or email: lequiremr@aol.com



### Flying Service Tech Job Opening:

T. J. Snow Company, a family-owned 90-employee Chattanooga, Tennessee manufacturer of resistance welding machinery for 50+ years, needs another Service Tech / Pilot to handle its expanding welder and control service and installation business.

Resistance welding machines, commonly called spot welders, are widely used to manufacture metal components installed in auto production lines, such as mufflers and shock absorbers.

We also sell to manufacturers of appliances and fabricated wire products.

To avoid expensive plant shut downs, our customers expect welder breakdowns to be addressed quickly and they appreciate our ability to fly direct to an airport near their location with specialized troubleshooting equipment and spare parts.

In addition, we often fly to do on-site welder start-ups and operator training.

This is an ideal job for an experienced pilot who is skilled in troubleshooting and repairing electro-mechanical machinery.

We will train the right applicant and industrial maintenance technicians and A&P mechanics often have the broad technical background needed.

In contrast to many flying jobs, this is a career opportunity with a stable industry leader.

We offer a complete range of employee benefits, including health insurance and a 401K plan. To meet aircraft insurance requirements, we are looking for a pilot with at least 500 hours of flight time in a retractable gear airplane, plus a commercial and instrument rating.

We own and fly two Bonanza A36s, both with TKS anti-ice. See more at [www.tjsnow.com](http://www.tjsnow.com) Contact [tomsnow@tjsnow.com](mailto:tomsnow@tjsnow.com)



# EAA Chapter 17

EAA Chapter 17  
Newsletter Publisher  
412 Huxley Road  
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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 \$ \_\_\_\_\_

