

January  
2020



# Mountainland Flyer



## Your 2020 Chapter 17 Officers

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president@eaa17.org

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**Events Coordinator**  
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**Board member at Large**  
Mark Scheuer  
Board@eaa17.org

## Banquet Luncheon

**Saturday January 11, 2020 11:30 AM**

Please welcome 3-time (so far) planet circling aviator,  
guest speaker *CarolAnn Garratt* to our Banquet.

Bearden Banquet Hall  
5806 Kingston Pike (Next to the Buddy's BBQ)

**Please register at [eaa17.org/annual-banquet/](http://eaa17.org/annual-banquet/)**

## JULES BERNARD TURNS 98

Our World War II veteran, Jules Bernard turned 98 in December and Chapter 17 provided a large red, white, and blue picture cake (edible) which commemorated the Birthday of our most famous and oldest WW2 Veteran. Pictures on the cake featured Jules and his most beloved airplane, the B-17G "Aluminum Overcast".



## Chapter 17 Election Results

From EAA 17 Chapter Secretary

With a result that would make Vladimir Putin proud, the voting membership of Chapter 17 returned all officers to office, unanimously.

Your 2020 EAA Chapter 17 Elected Officers are:

- ➔ President George Douglas president@eaa17.org
- ➔ First Vice President Ken Strong vicepresident@eaa17.org
- ➔ Second Vice President Stephen Wickizer vicepresident@eaa17.org
- ➔ Treasurer John Haynes treasurer@eaa17.org
- ➔ Secretary Gary Picou secretary@eaa17.org



# EAAS Chapter 17 Luncheon Banquet!

January 11, 2020 Noon Bearden Banquet Hall (Doors open at 11:30 am)

With guest speaker, CarolAnn Garratt

**CarolAnn Garratt**, Gainesville, Florida, is a former manager with a Fortune 500 company. She earned her private pilot license in 1978 and her instrument rating in 1980. In 1996, she completed her commercial license and bought a Mooney in 2000. After her mother suffered and died from ALS, she flew around the world in 2003 to raise awareness and donations for ALS. Not content to just fly, CarolAnn built her first plane between 2004 and 2006 and took up flying gliders in 2014. She has over 6000 hours and flies more than 250 hours a year including flying students with the EAA Young Eagles program, the sick and needy with Angel Flights, and instructing cadets with the Civil Air Patrol. In 2015, she flew her homebuilt RANS S-7S to Alaska and back.

In order to do more for ALS research, CarolAnn spent 18 months planning her second world flight, a world record attempt, and, with co-pilot Carol Foy, set out from Orlando International on December 2<sup>nd</sup>, 2008 to fly around the world westbound. The planning paid off as the first six legs went like clockwork. The seventh leg, across Africa, had its difficulties, but with the help of their ground crew, everything continued almost on schedule. They arrived back in Orlando after 8 days, 12 hours and 20 minutes, just 90 minutes ahead of a massive cold front that was plowing its way across Florida. The Federation Aeronautique Internationale certified their flight as the world record on March 16, 2009. Their overall speed was more than double the old world record.

The first two world flights (and subsequent books and presentations) raised over \$300,000 for ALS research. But, CarolAnn **didn't see much during the second flight. So, in May 2011, she set out again, eastbound this time, to slowly circumnavigate the world and to see many of the countries that she had previously missed.** After 11 months, she returned to the US and wrote a third book. To date, donations to ALS research are over \$434,000.

**CarolAnn's presentations are fast-paced and packed with pictures and exciting stories of the flights.** She has received numerous positive testimonials. **One of the most common remarks is: "I wish that I'd brought my wife and kids to this presentation. They would have loved it."**

100% of all book sales go directly to ALS Therapy Development Institute, researching a cure for Lou Gehrig's disease.

## Upon Silver Wings: Global Adventure in a Small Plane, \$20

This book is written so that you feel as if you are in the right seat watching and hearing all the action and communication as CarolAnn flies the 15-hour leg from California to Hawaii or the 12-hour leg from Darwin, Australia over Indonesia to Singapore. When the engine coughs, your heart leaps into your mouth. When the radio doesn't work, you walk step by step through the problem analysis and find a solution to allow the flight to continue. Enjoy the flight, enjoy visiting the different countries, and feel the freedom.

## Upon Silver Wings II: World-Record Adventure, \$20

**Read all about the flight and learn what's involved in planning an endeavor that touches multiple time zones, governments and continents.** Learn what went right and what went wrong. Share the experience of being in a small cockpit for 158 hours, leaving the plane only 8 times to refuel and stretch (their ground time was only 46 hours). What did they eat? How did they go to the bathroom? How did they get permission to cross all those countries? And, most important, what inspired Garratt and Foy to accomplish this world record? Each book is a \$20 donation to ALS.

## Upon Silver Wings III: People and Places around the World, \$20

**Travel to many fascinating places with CarolAnn.** You'll fly between snow-covered peaks in Switzerland and land in a valley. Getting approval to land in Haifa, Israel, and then proceed to Jordan was stressful, but, in the end very worthwhile. **Madagascar's lemurs were amazing to watch. Celebrating the 100<sup>th</sup> anniversary of flight in Malaysia was a privilege as well as a difficult time with mechanical problems. Milford Sound and the Southern Alps in New Zealand were majestic.** Then, of course, it's necessary to cross the Pacific Ocean to return home to the US.

A 40-minute high-definition DVD is also available for the 2011/12 flight. \$10 donation to ALS.

Thanks to the Banquet Committee (Linda Long, Helen Picou and Judy Wayman) for arranging this guest speaker.



## NEW SHIRTS AVAILABLE

Chapter 17's "Artist in Residence", STEVE CURRAN has been working with our chapter to create a logo unique to our chapter and the result is a stylized Heath Parasol homebuilt, with a smiling pilot waving, and our Smoky Mountains in the background.

After years of talking, heroic efforts, and indecision, Steve stepped up and created an outstanding and unique logo for Chapter 17. If you don't know Steve, he is a talented local artist who fortunately for us loves airplanes. After many revisions, Steve pretty much 'did it his way'. The result is our new logo, which was universally approved by our Board, and shown elsewhere in this issue. Thanks to our Board of Directors, monies were appropriated for an initial order of about 70 T-Shirts of various sizes and colors which were sold at our last membership meeting at near cost. About half were sold at the meeting. It is up to our Board where we go from here.

Associated news...the T-shirts as mentioned above are only part of an overall program to both advertise our Chapter, and also to lighten the workload on some of the chapter 'Work Horses'. Most of our chapter work is done by a few who give of their time freely. A working arrangement has been forged with Dixon Printing in Madisonville. Dixon can produce most or maybe all of the printed products our Chapter needs or wants.

So far, they have not only provided T-Shirts, but also new name tags, business cards, collared shirts, and long sleeve button front denim shirts. Possibilities include ball caps, patches, jackets, banners, embroidered jackets, even flags. As a single source supplier, and especially creating products based on our new logo at equal or lower prices, Dixon can help us move to the next level, and do it more simply and effectively. The plan being developed would offer products online on our website, with payment by PayPal or credit card. Products would be delivered at the next membership meeting. It's gonna take a lot of thought to make this work, but we are fortunate to have Gary Picou and John Haynes working on it. Stay tuned!

NEW CHAPTER 17 SHIRTS



## Use Amazon Smile and your purchase benefits EAA Chapter 17

AmazonSmile is a simple and automatic way for you to support your favorite charitable organization every time you shop, at no cost to you.

When you shop at AmazonSmile, you'll find the exact same low prices, vast selection and convenient shopping experience as Amazon.com,

with the added bonus that Amazon will donate a portion of the purchase price to your favorite charitable organization.



Go to [smile.amazon.com](https://smile.amazon.com) and search for Experimental Aircraft Association, Knoxville Tennessee (for some reason known only to Amazon, Chapter 17 doesn't appear).

## OUR DECEMBER MEETING:

FLYING TO ALASKA was a presentation given by Sam McNair from the Greenville SC EAA Chapter 249 showing his experience flying in this remote land with his favorite destinations. There are three suggested routes suggested including one that follows the Alcan Highway. Not every airport has fuel, and fuel is hard to find or far away. If you are planning a flight to Alaska he suggested practicing takeoffs at 50% power to simulate the High Density Altitude.

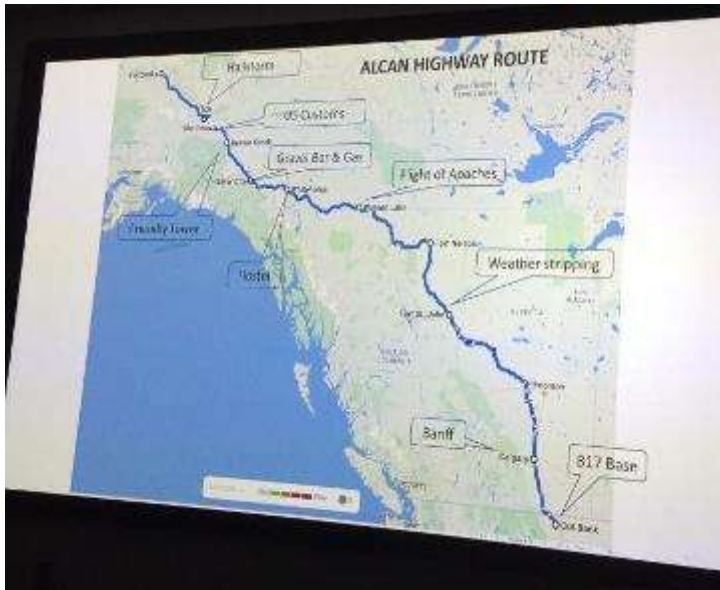


SOME ALASKA POINTS OF INTEREST

## FLYING TO ALASKA WITH SAM McNAIR



The ALCAN Highway



## AM I HOLDING *YOUR* NAME TAG?

The following names have not been picked up from me at the meetings. See **Jerry Depew**  
Allan Cabe, Barry Logan, Joe Marshall, Joseph McBride, P. Donald Quinley, Jason Reagan, and Eli Snowden

## Message from your President

**NO** meeting for January. Instead we will be holding our annual Banquet Luncheon on January 11<sup>th</sup> at Bearden Banquet Hall in Knoxville. You can get directions, register for your lunch, and read info on our guest speaker at [www.eaa17.org](http://www.eaa17.org).

I hope you all had a Merry Christmas with family and friends, and you are now looking forward to the New Year. In the new year we will host our annual Banquet and in May we will be hosting EAA's B17 Aluminum Overcast along with the added value of the B-25. EAA for 2020 is piggy backing the B-25 along with the B-17 tour.

### 2019 in review:

- We had many new members join us.
- We enjoyed interesting presentations for our monthly gatherings.
- Over 100 new Young Eagles took flight.
- Local schools learned about our aviation STEM programs.
- New chapter Logo designed.
- Several members took advantage of group fly-outs and camping throughout the year.
- We formed a chapter VMC/IMC club.
- We held our 3<sup>rd</sup> annual cookout at Riley Creek airport.
- We filled the new positions of Flight Planner and Membership Chairperson.
- Our chapter completed 63 years of operation.
- We accomplished a lot in 2019 and it took a village to do it.

I am really looking forward to our Banquet. There will be drawings for gifts, an auction for a brand new, in the box, PS Engineering Intercom valued at over \$500.00, model number PM1000II, plus listening to a great presentation and cause from our guest speaker.

Please register for this event as soon as possible so we can get a good advance count on the number of meals to order. If we order too many, we lose money and if we order not enough someone will go hungry and we don't want that to happen.

*George Douglas, President EAA Chapter 17*

## SHORT NOTICE AVIATION POSSIBILITIES (SNAP)

With the short days and cold weather we find ourselves closer to home and have now met several times just to fly to Downtown Island Airport to borrow the crew car for a visit to one of the near by eateries. Not much interest to the local pilots but fun for those of us based at outlying airports.

MORRISTOWN had their year end Christmas dinner (brunch) and live music at the airport on the first Saturday of the month with great weather and attendance. So many in fact that they were running out of food. As President Karen Hughes said, You cant just run out and buy extra ham and turkey. Their EAA Chapter 1494 presented WWII bomber crew member Lt. Col Bob Harmon with an Aluminum Overcast bomber jacket in appreciation for his service. He was a Navigator with a crew who flew several B-17's, one of which was named Hellcat Agnes. Their crew called themselves "One Mo' Time".

Morristown will not have another breakfast until March 7 when they resume the First Saturday of the month breakfast.

## ORIGINAL WWI CURTISS JENNY MOVES TO TENNESSEE

FRANK SHELLING moved to Tennessee recently from California and has been looking for a hangar large enough to display his original World War One Jenny trainer, Original World War One SE5 (British Scout Experimental 5) and Travel Air 4000 biplanes. We all know how hard that is to find but the Monroe County airport (KMNV) in Madisonville is rushing to make that happen and earthwork has begun.

ROBIN ZIMMER asked our members for help unloading the Jenny from a Tractor Trailer that was due to arrive at the Athens airport for temporary storage. In Tennessee tradition 19 members arrived on a cold Wednesday morning to move this precious 103 year old flyable museum piece. As the saying goes, "Many hands make light work".



Just a thought...If I look for an AD list for the Jenny I wonder what I would find, and who feels qualified to do it's next Annual? What are the compression expectations for that Hispano-Suiza?

Fun facts: 150 hp at 1500 rpm. Max b.h.p. Is 170 at 1700 rpm.

Fuel consumption is near 13 g.p.h. And about half a quart of oil per hour. Ref. JANE'S

VOLUNTEERS HELP UNLOAD A RARE WORLD WAR ONE CURTISS JENNY





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## LONG on Safety

### ADS-B enhances safe flight and is mandated beginning January 2020

By Greg Long

Two of the major areas for flight risk are weather and traffic.

Benefits include:

- Radar imagery is updated every 5 minutes.
- Radar imagery, lightning, METARs, TAFs, PIREPs, NOTAMs, AIRMETs/SIGMETs, Cloud Tops, Turbulence, Winds Aloft, Freezing Level, Special-use airspace status are available over the ADS-B weather system.
- ADS-B weather coverage includes: the lower 48 states, the Gulf of Mexico, Puerto Rico and the Virgin Islands, and partial coverage in Hawaii and Alaska.
- High resolution radar imagery can be seen 150NM for low-altitude towers, 200NM for medium-altitude towers, and 250NM when receiving from high-altitude towers. The lower-resolution national radar imagery will be displayed for the area outside this radius.
- ADS-B's GPS-based surveillance provides more accurate information about an aircraft's last reported position. This is because ADS-B Out avionics transmit data approximately once every second, compared to a ground-based radar's sweep rate of 3-15 seconds.
- More efficient spacing and optimal IFR routing in non-radar environments, including the Gulf Mexico, mountainous regions of Colorado, and lower altitudes in some parts of Alaska.
- Provides additional traffic situational awareness
- ADS-B reduces the risk of runway incursions with cockpit and controller displays that show location of aircraft and equipped ground vehicles on airport surfaces

For more information see FAA NextGen



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## WINGS CREDITS AVAILABLE

Another TOM ROUSH project with KEN STRONG is the reoccurring VMC / IMC classes that they present after the Second Saturday Omelet Breakfast at Monroe County airport. This was a program offered by the EAA and sanctioned by the AOPA. These monthly presentations have been well attended in the past and have impressed both organizations. The VMC / IMC classes are a video presentation of scenarios of flights that turn sour because of weather that turn an expected VFR flight into unexpected Instrument Meteorological Conditions and explores multiple options for group discussion.

TOM ROUSH has now been designated as a FAST TEAM coordinator that will make attendance eligible for WINGS credit.

Even if you don't use the credits toward your oral portion for the Biannual Flight Review, the credits are noted by the FAA and also provide leverage for your aircraft insurance agent when they negotiate your policy. All of that aside, it is nice to become aware of good ideas in advance.

**THERE WILL BE NO REGULAR IMC/VMC MEETING IN JANUARY!** The January IMC/VMC Club Class that generally follows the Monroe County Second Saturday Breakfast has been canceled by vote, in deference to the Chapter 17 Banquet. The Monroe County Omelet Breakfast will go on as usual.



EAA IMC / VMC CLASS AFTER THE MONROE COUNTY BREAKFAST



## WHY WE OFFER 'FREE NEWSLETTER ONLY MEMBERSHIPS'

Several years ago the Chapter 17 Board of Directors decided it made good sense to offer free newsletter memberships to select people in the area. This has proven to be a good decision. We have hand picked individuals who we think would add depth to our ranks and have encouraged pilots and other aviation minded folks to give us a try. Educators, seasoned pilots from many walks, civic leaders, and more have joined our ranks, and many have become 'paying members', and all have contributed in special ways. So . . . if you are currently a Mountain Land Flyer only member, we invite you to join us for a full featured regular membership (only \$20). If you prefer not to do that, PLEASE continue as a valued FREE member.

OFFICERS AND BOARD MEMBERS, EAA CHAPTER 17

## EAA17.ORG

We invite you to visit our chapter web site ([www.eaa17.org](http://www.eaa17.org)) to view events and postings from our members. Anyone can read the information placed there, but only our chapter members can make a post after signing in. Make sure to check the box allowing a reply message to be sent to you when a new post has been added. This is be a good place to make invitations for other pilots to join us on aviation outings like the ones mentioned in this issue.

## ADVERTISEMENT

### Soar with Stevenson

*Chapter 17's Linwood Stevenson, an internationally recognized soaring record holder is offering Glider introduction flights for members at Chilhowee Gliderport. If interested, email [contact@eaa17.org](mailto:contact@eaa17.org) for details.*



*A portion of the proceeds from members flights is returned to Chapter 17*

## 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.

- January 4      First Saturday Breakfast. Winchester (BGF) (135 miles from DKX)
- January 4      First Saturday Breakfast and program. EAA Chapter 690 at Gwinnett Co. (LZU) (137 miles from DKX)
- January 9      S.K.Y. Meeting at Sky Ranch
- January 11      EAA Chapter 17 Banquet with guest speaker CarolAnn Garrett (See page9)**
- January 11      Second Saturday Omelet Breakfast. Monroe Co (MNV) (41 miles from DKX)
- January 16      S.K.Y. Meeting at Sky Ranch
- January 18      Third Saturday CAP Breakfast at Cleveland (RZR) (73 miles from DKX)  
January 25 Fourth Saturday CAP Breakfast at Dayton (2A0) (68 miles from DKX)
- January 30      S.K.Y. Meeting at Sky Ranch

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

Ready to schedule:

- ➔ 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.

### Dan Valle Chapter 17 Member offers Aircraft Certs & ADS-B

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

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

He has an additional service for our members to help with the paperwork and or install the uAvionix Sky and Tail Beacons for ADS-B out, as he is a dealer for them and can offer a slight discount to our members.

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*



# EAA Chapter 17

EAA Chapter 17  
Newsletter Publisher  
412 Huxley Road  
Knoxville TN, 37922  
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 co-operative 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: \_\_\_\_\_

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** ([eaa17.org/membership/](http://eaa17.org/membership/)) 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 \$ \_\_\_\_\_

