

2018 Officers

Area 505 (New Mexico)

President:

Robert Richter-Sand (Bob)
- 220-1250 , rrsand@aol.com

Vice President:

Dave Otero -328 6391
daoteronm@gmail.com

Secretary:

Todd Blue - 266-1491
tblue@ix.netcom.com

Treasurer:

Dan Horschel - 271-9407
dhorschel@outlook.com

Directors:

Lee Otto -559 901 5910
n326jl@gmail.com

Gwen Walcott - 506 4427
gsw2@ix.netcom.com

Will Taylor -256-0681
apdpilot@aol.com

Scott Speirer - 205-7742
sspeirer@yahoo.com

Randy Reimer- 792-1857
reimerre@gmail.com

Standing Committees

Membership:

Scott Speirer - 205-7742
sspeirer@yahoo.com

Publicity, and Promotions:

Joyce Woods -974-5305
chapter@eaal179.org

Newsletter:

Harley Wadsworth 453-6369
harleywads@comcast.net

LOEFI:

Robert Richter-Sand (Bob)
- 220-1250 , rrsand@aol.com

Web Master:

Joyce Woods -974-5305
chapter@eaal179.org

Young Eagles:

Todd Blue - 266-1491
tblue@ix.netcom.com

Scholarship Committee

Chairperson:

Dan Horschel - 271-9407
dhorschel@outlook.com

Storage Locker:

Randy Reimer- 792-1857
reimerre@gmail.com

Technical Counselors:

Dave Otero -328 6391
daoteronm@gmail.com

Emilio Verastegui-280 2421
n61lev@msn.com



Albuquerque, NM Chapter 179 Enchanter



December
2018

Visit Albuquerque EAA Chapter 179 Web Site: www.eaa179.org

Newsletters are at: <http://eaa179.org/newsletters/>

The Web Site for the LOEFI is: <http://www.loefi.com>

18 December, Tuesday, EAA Chapter 179 Christmas Party, 6:00



PM at the home of Russ and Margaret Pri-
na, 10812 Anaheim
Ave. NE, Albuquerque,
NM. Phone: 505 856
6246. This will be a
Pot-Luck event, so
please bring a dish to
pass. Roasted turkey
and non- alcoholic
beverages will be sup-
plied. Just bring a sal-
ad, side dish or dessert.

Optional grab bag gifts (\$15 or less) for those wishing to participate in the exchange. Visitors welcome. The Christmas party will replace our chapter meeting for December, as usual.

Merry Christmas!

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From the Editor, Harley Wadsworth

Merry Christmas! Happy New Year! Happy Holidays! And everything good.



It has been a good year for all our chapter activities. We just had a great visit from the Ford Tri-Motor. Perfect flying weather for the whole event. Everything was well organized and happy passengers got an aviation experience that they will remember. I remember my Tri-Motor ride as a venture into the early days of aviation. It is amazing how quickly aviation developed after man's first flight. We have even been to the Moon and placed robotic machines on Mars. I enjoyed a career working in aerospace avionics, using computers to develop automated tests for flight computers and avionics.

This is the time of year when I like to thank all of the people who have contributed to our newsletter. Thank you to Rose Marie Kern for her interesting and informative articles.

I really enjoy the personal articles I have gotten like the recent one from Susie Reimer about their aviation trip and the one last month from Phil Thompson about his teenage daughter, Madison's, accomplishments in aviation. Please keep those types of articles coming.

And Joyce Woods is an unreplaceable asset to all of us. She and Art contribute so much to everything we do. We really appreciate all that they do.

I am looking forward to our Christmas Party! It is always a great get together and I hope to see you all there. Thank you everyone! HW

Find or Become a Tech Counselor and/or Flight Advisor:
(your EAA login is required to see this information)

<https://www.eaa.org/en/ea/ea-chapters/ea-chapter-resources/chapter-programs-and-activities>



<http://www.nmpilots.org/news.asp>



Other NM EAA Chapter Newsletters

EAA 691, the Green Chile Chapter: <http://eaa691.org> <http://www.facebook.com/eaa691>

EAA 555, Triple Nickel Chapter: <http://555.eaachapter.org/>

EAA 251, White Sands Chapter doesn't have a new newsletter.

Chapter 179 Meeting Minutes

Chapter 179 November 20, 2018 Minutes

Call to Order: Vice President Dave Otero called the meeting to order

Introduction of Guests/ New Members: Andy Knowlton was recognized

Presidents Report: None

Vice Presidents Report: VP Otero introduced purpose of the meeting to elect officers/board directors. Ballots handed out for tabulation.

Secretaries Report: Todd Blue. Todd requested motion to accept the October minutes as published in the Newsletter. Motion made, seconded and accepted.

Treasurers Report: Dan Horschel Dan summarized current operating budget and scholarship funds. Dan requested approval as submitted. Motion to approve as presented was made, seconded and accepted.

Membership, Promotion & Publicity: Scott Speirer. Scott announced current paid membership is 107 members.

Young Eagles: Todd Blue. Todd indicated that due to high winds the November Young Eagle Rally was cancelled. The next scheduled rally will be February 8, 2019.

The nominating committee announced the results of the election for 2019:

Officers:

President: Emilio Verastegui

Vice President: Doug Rhodes

Treasurer: Dan Horschel

Secretary: Todd Blue

Directors:

Lee Otto

Gwen Walcott

Randy Reimer

Art Woods

Robert Richter-Sand

Meeting adjourned at 6:20 followed by a video presentation.

Respectfully Submitted; Todd Blue, Secretary

EAA Chapter 179 Air Academy Scholarship

EAA Chapter 179 supports a full tuition scholarship to attend EAA's weeklong Air Academy in Oshkosh, Wisconsin. The EAA Advanced Air Academy provides an atmosphere for mature students to become totally immersed in the world of flight. Ground instruction and introductory recreation flight experiences highlight this meaningful, action-packed camp. It combines "in-the-air" and "on-the-ground" hands-on activities. Attendees also have an opportunity to experience EAA's AirVenture.

Interested? Submit an application by the January 31, 2019 deadline.

EAA Chapter 179 accepts applications for youth who meet the age and other EAA requirements for the **Advanced Air Academy (age 16, 17, or 18)** which is **July 16 – 24, 2019**.

Download EAA 179's Air Academy 2019 Application

[Adobe PDF format](#) or [MS Word format](#)

Applications must be received by January 31, 2019 for consideration. See application for submission instructions. Contact us with any questions.

For more information on the Air Academy, housing at Air Academy lodge (included in tuition) EAA's requirements, and how to apply for additional scholarships to help cover air transportation to Wisconsin, see [EAA Air Academy's website](#). [MORE Details](#)

Looking Ahead

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Christmas is coming! Or Mother's day or a graduation! Let's fly on up the coast to visit Grandma! Traveling usually involves pre-planning – for most groundhogs it is simply a matter of packing the kid's toys and topping off the gas tank then heading up the road with your map or GPS. The only time most drivers consider weather as a factor is when there is a major hurricane or blizzard on the way.



For many pilots, keeping abreast of what weather patterns are forming is a daily part of their jobs. But for those who fly for pleasure a few times a month, it is imperative to begin looking at least a few days in advance to really understand what you can expect to happen. There is a problem only using NWS approved aviation weather forecasts because they are not willing to make any predictions over 48 hours in advance.

This is where having a general feeling for how the weather moves across the United States really comes in handy. Local and National television weather channels don't give pilots the exact hour to hour forecasts they would like to see, but they are pretty good at watching "the big picture". They convey a pretty accurate look at what to expect in terms of basic frontal movements and surface conditions.

But what about winds and weather aloft? Pilots need to know what airborne challenges are ahead. Will they be facing a strong headwind? Is moisture at mid-levels high enough for icing in winter or sudden thermal thunderstorms in summer? Where is the freezing level?

It helps to understand the seasonal weather patterns. In in heart of winter and the dog days of summer the jet stream aloft blows steadily from west to east over the U.S. This is because the angle of the planet on its axis is fairly steady – top part of the world facing the sun in summer and the bottom part in winter.

The dramatic winds of spring happen when the sun is shining on the slanted side of the planet. Where winter time had most of the heat in the southern hemisphere, suddenly more sunlight is penetrating to the north, pushing the arctic cold around. The Jet Stream begins to waver and dip dramatically, pulling all atmospheric

layers with it. Add that to increasing heat on the surface and you have both mechanical and thermal turbulence ripping along the surface up to the flight levels. When all these combine it behooves you to make sure there are barf bags available.

Although the Jet Stream starts to dance around again in the fall, the amount of solar radiation hitting the surface of the U.S. is beginning to slack off. So the surface winds in general are lesser unless a storm or frontal system is passing through. But now the Jet is pulling cold air southwards, setting up conditions for the onset of winter. The cooler air creates less thermal turbulence so flying is smoother.

There are two ways of keeping track of what the jet stream is doing. If you just want to see a daily picture of current winds you can access www.aviationweather.gov/windtemp This useful site has a slider bar on the left side of the screen so you can visually see the windflow at your cruising altitude, then slide it upwards to 39,000 feet and see how the jet is moving over the U.S. The limitation is that it is not set up to show much outside the national boundaries so you cannot see what is coming from the west.

International satellite pictures are better at showing planetary jetstream movements. The NWS site: www.aviationweather.gov/satellite conveniently has both U.S. and global options. You can tell it to view visible data or infrared data in either black and white or color. Of course you can also utilize the loop feature. It is fascinating to watch the global visible satellite loop and see daybreak crawl across the planet.

Figuring out what is happening with the temperatures aloft in advance is relatively simple. Look at the wind/temps today and notice which direction the winds are flowing. If you are flying from Wichita to Indianapolis notice the direction of the winds affecting Wichita now and back track the flow. That is where you should note the temperature which will be dragged into your flight path a few days hence.

So right along with figuring out who can watch the dog and where to make hotel reservations, begin determining how and when to travel well in advance by pulling up the weather and developing some forecasting skills.

Rose Marie Kern was named National Flight Service Specialist of the year in 2007. Her insights into weather and air traffic control procedures have guided thousands of pilots to safe landings. For more information www.rosemariekern.com



Flying Companion Seminar

Double Eagle II Airport

Saturday, March 9, 2019

8:30 am – 4:00 pm

Do you

Have someone in your life who is a pilot?

Wonder how you could assist or be a better passenger?

Let your fear of flying keep you from going aloft with them?

Want to learn more about airplanes and the exciting world of general aviation?

If so, ***The Ninety-Nine's Flying Companion Seminar*** is for you!

This fun, informative session is designed with the non-pilot in mind. Our goal is to help you become more comfortable in light aircraft and be able to have FUN! We will teach you to be an effective cockpit crew member and help address fears of flying.

This one day ground-school only course covers topics such as:

How the airplane flies

How to read an aeronautical chart

Who to talk to on the radio

What the instruments can tell you

What to do in an emergency

Safety tips, weather, and much more

...so you can enjoy flying more and be a better Flying Companion

\$75 per person; includes lunch and all materials

SPACE LIMITED! REGISTRATION DUE BY FEBRUARY 25, 2019

Late registration, \$85 per person, if available

Contact Joyce Woods at niner3echo@flylonecone.com or 505 974 5305

Sponsored by the Rio Grande Norte Chapter of the Ninety-Nines

Websites: www.rgn99s.org

The Ninety-Nines is the international organization of women pilots that promotes advancement of aviation through education, scholarships, and mutual support while honoring our unique history and sharing our passion for flight.



Rio Grande Norte (RGN)

Ninety-Nines
Flying Companion Seminar
Registration Form

WHEN: March 9, 2019, 8:30 – 4:00 pm

LOCATION: Double Eagle II Airport, specifics provided upon registration.

COST: \$75 per participant, includes lunch and all materials

\$85 per person if received after February 25, 2019, provided openings exist.

Send completed form with payment (made out to “RGN99s”) to:

Joyce Woods; 33 Wind Rd NW; Albuquerque, NM 87120

Name: _____

Home Phone: _____ Cell Phone _____

Email Address: _____

Aircraft type(s) used for typical flights: _____

You will receive an email confirmation upon receipt of your registration.
For questions, contact Joyce Woods at 505-974-5305 or niner3echo@flylonecone.com

A Memorable Tri-Motor Visit by Joyce Woods

Our Tri-Motor Tour Stop was an extremely successful. Pilot John Hartke flew over the cities of Albuquerque and Rio Rancho, causing residents to look up with wonder. Thanks to two in depth Sunday features in the Albuquerque Journal by Ollie Reed with photos by Greg Sorber, we had a super turnout! Sunday was a blockbuster day with 16 flights including a full flight of Power Ford employees – bringing the tour stop total to 44 flights.

Rio Rancho Mayor Gregg Hull and his wife Carrie joined us, publishing live tweets as they flew over their city. New Mexico Senator Jim White brought his family to enjoy a ride. We heard amazing stories illuminating the meaning this historic airplane can offer.

My favorites:

Bob Hartman's son Matthew came and rode the Tri-Motor on Sunday - what would have been Bob's 100th birthday. It was super special for him. Matt reminded us of the story Bob always told about his Dad arranging for him to take his first airplane ride on a Ford Tri-Motor in Dearborn, Michigan. The pilot handed Bob the controls and as a kid, he was so excited that he flew the plane! Later a WWII B-17 pilot and instructor, Bob always remembered how much that meant to him. It inspired him to lead our chapter Young Eagles program for many years.

Several people came out in period dress to fly. A sharp dressed man stood waiting for the first flight wearing a British racing cap and black overcoat over his suit with light gray tie. Thinking he may be a reporter, I asked who he was with, and he smiled and replied, "I'm traveling by airline, I wore my Sunday best." Remember the days when air travel was a dress up affair?

Edwin Osburn came out and flew with his son, Blake. A balloon pilot, he brought a very nice thank you letter he received from Poinsett N. Littlefield, one of the original Tri-Motor pilots with the Transcontinental Air Route (TAT). Edwin gave him his first balloon ride in Albuquerque in October 1980.

It's always special when we reach out into the community and attract new aviation enthusiasts to the airport.

Thanks to our many fantastic and dedicated EAA Chapter 179 volunteers for making it a super weekend!



Photo by Bill Donald



Arrow identifies Poinsett N. Littlefield, a TAT pilot. He was given a balloon ride in October 1980 by Edwin Osburn (far left). Courtesy of Edwin Osburn.

Charlie O'Brien shared this cool story of his first TriMotor flight in 1935

The video of his story is posted on our Facebook page. Funny story. <https://www.facebook.com/EAA179/>

Thanks to Tri-Motor Stop Sponsors!

AvFuel, Bode Aviation, City of Albuquerque, and Quality Fruit & Vegetable



FORD TRI-MOTOR pictures this page by Bill Donald





FORD TRI-MOTOR pictures from George Young
this page



Happy 90th Birthday to the Liberty Tri-Motor

Our Chapter's present was an exterior wash and polish! Participating Chapter 179 volunteers, L to R: Mike Paxson, Lee Otto, Joyce Woods, Art Woods, Dan Horschel, Paul Carbin, Emilio Verastegui, Randy Reimer, and Ashley Fried. While the Tri-Motor is in Albuquerque, EAA took the opportunity to complete some routine maintenance, which explains the plastic drop cloths.



The High Desert Club Visits The Ford Tri-Motor

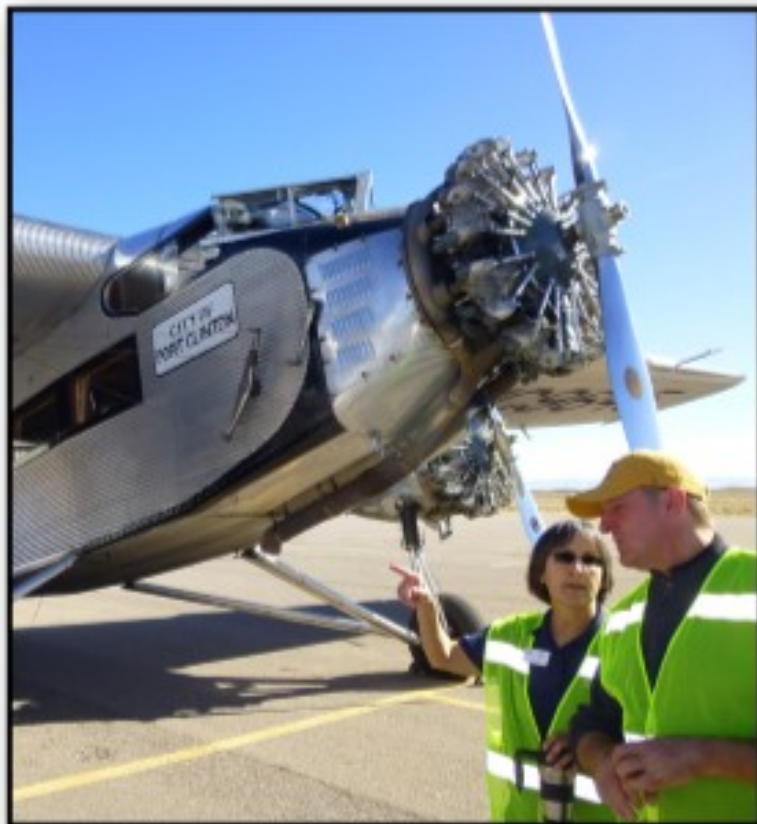
by Ed Poccia, KC2LM

On Saturday, Nov. 17th the High Desert ARC's "Outback New Mexico" program had us at Albuquerque's Double Eagle Airport where local EAA Chapter 179 sponsored a visit by a 1928 Ford Tri-Motor. It was quite a thrill to see one of only three of these magnificent aircraft that was still flying, take up passengers in a style reminiscent of the early years of commercial aviation.

While many Albuquerque citizens took a nostalgic aerial journey into the blue, six members of the HDARC operated the club's portable station to make contacts on the amateur radio bands.

Allowed to set-up our station right on the flight line, visitors enjoyed our ham radio demonstration as we made 48 contacts in 26 States on 20 and 40 meters. The G5RV dipole antenna mounted against the fence enabled us to reach out for some exciting contacts.

Using voice and keyboard to keyboard communication modes, we got to share some Ford Tri-Motor history and describe the pleasure we were having operating from the flight line during the event. We made hams across the continent aware of the web site the EAA maintains, (FLY THE FORD.ORG) to let people know when the Tri-Motor would be in their area. No one should miss their chance to experience this unique piece of aviation history.





Hi,
My name is Phil Styka. I am the volunteer contact for KAEG with the Aircraft Owners and Pilot Association. Pressure on our airports continues to mount. Curfews, noise restrictions, lack of funding for improvements and closures are a few examples. The AOPA Airport Support Network provides a means for those concerned with issues at Double Eagle Airport to have these looked at and addressed. Please call, text, or email me if I may help you with a problem or to notify me of the same. In turn I will try to address these at a local level with Albuquerque's new director of aviation, Nyika Allen, and local leaders or at a national level with the AOPA or FAA. We all need to promote the value of KAEG and how it enhances Albuquerque's image and meets its needs. We must also strive to educate our community officials and neighbors about Double Eagle's value. Allow me to be your partner in this endeavor. Sincerely, Phil
Phillip E Styka MD



On-Going Events

Pilots ABQ Lunch - Every Thursday, Formation Begins at 11:15 AM, at **Monroe's Restaurant** at 6501 Osuna Rd. NE (about four blocks East of San Mateo on the North side of Osuna).

Pilots Mid-Valley Lunch - Every Tuesday, Formation begins at 10:00 AM at Bob Henning's Hangar, 3884 Tammy Ct. SE, Los Lunas, NM, (Mid-Valley Airpark) Ph 865-0007, and continues until 11:50. Then onto Lunch at T J's New Mexican Restaurant at 235 Highway 314 SW, Los Lunas.

Las Cruces/EI Paso EAA Chapter #555 Breakfast - Every Third Sunday of the Month, a huge \$6.00 breakfast. Look for the large EAA hangar located at the Las Cruces International Airport (LRU). All pilots and interested others are invited. Consider this for a 'fly out' or for other fun events!

Albuquerque Aviation Historic Group (AAHG) —First Thursday of the Month, Formation begins at 7:00 PM at following:

North Domingo Baca Multigenerational Center

7521 Carmel Ave NE (north of Paseo del Norte on Wyoming Blvd).

Albuquerque, NM 87113

2nd Floor – Classroom 5; TAKE THE ELEVATOR; (505) 764-6475

EAA Chapter 179

P.O. Box 3583

Albuquerque, NM 87190-3583