

Albuquerque, NM Chapter 179 Enchanter



April
2017

2017 Officers

Area 505 (New Mexico)

President:

Robert Richter-Sand (Bob)
- 299-1007, rrsand@aol.com

Vice President:

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

Secretary:

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

Treasurer:

Art Woods - 974-5301
turbo182rg@flylonecone.com

Directors:

Joyce Woods -974-5305
niner3echo@flylonecone.com

Tandra Hicks - 270-5554
tlcprntg@aol.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@caa179.org

Newsletter:

Harley Wadsworth 453-6369
harleywads@comcast.net

LOEFI:

TBD

Web Master:

Joyce Woods -974-5305
chapter@caa179.org

Young Eagles:

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

Scholarship Committee:

Steve Rokicki - 898-6383
Joyce Woods -974-5305
chapter@caa179.org

Storage Locker:

Randy Reimer- 792-1857
reimerre@gmail.com

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>

Upcoming Events & Chapter Meetings

April 18, Tuesday, EAA Chapter 179 Meeting, eat at 5:30 PM, meeting at 6:00PM, Copper Canyon Café, 5455 Gibson SE. Guests and visitors are welcome.

June 5-9, Double Eagle Aviation Adventure (DEAA), KAEG

Young Eagle Dates for 2017 at KAEG. February 11, May 6, June 10 (DEAA) students, September 9, and November 4.

Chapter 179 meetings are on the third Tuesday each month, except in December when replaced by our Christmas Party.



Ford Tri-Motor flights...

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From the Editor, Harley Wadsworth

The Ford Tri-Motor visit was wonderful. The spring winds behaved for the most part. People kept coming and we had a great event!



The Ford Tri-Motor was built in 1928. The Wright brother's first powered flight was in 1903. The airplane advanced very quickly after the first powered flight.

I took a ride in it and it really takes one back to a time before I was born. The airplane is 89 years old and it is very well restored and maintained. Quite a treat to be able to fly in it. It is the oldest plane I have ever ridden in by far. But it flies like a J-3 Cub.

From the President, Robert Richter Sand (Bob)

What a terrific meeting this past week. Seven aspiring aviators were awarded over \$10,000 in scholarships. Thanks to all the contributors of Chapter 179! Meanwhile, plans are getting underway for remaining activities for the year.



179 BOARD MEETING - Apr 13. Any members are also welcome to attend the chapters next Board of Directors business meeting. It will be 6:30 April 13, also at Dion's Pizza, 8100 Wyoming NE. Please arrive early to order food if possible.

Speaker

The speaker at our April 18 Chapter 179 meeting will be Leon Cooper, the author of the book 'Blown To Bits, 20,000 feet over Ploesti'. I am sure this will be an outstanding presentation as Leon has done extensive research on the subject.

The oil fields and refineries around Ploesti, Rumania, were the principle source for fueling the Nazi's war machines during World War 2. This slide presentation is from the events of May 5, 1944, when a B-24 bomber was blown out of the perilous skies over Ploesti during one of the deadliest battles of the war. Most of the ten-man crew survived by parachuting but were captured and held as POWs by the Nazis. The author traveled around the country visiting surviving crewmen, their widows and children in obtaining their collective story, along with their personal photos, documents and a diary. One crewman, a gunner, had a connection to the author. Questions will be fielded at the conclusion. GW



1928 Ford Tri-Motor

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

MINUTES FOR MARCH 21, 2017

Call to Order: President *Bob Richter-Sand* called the meeting to order.

Presidents report: *Bob Richter-Sand* Introduced the Scholarship Recipients and presentation. Aviation Scholarships were awarded to Zachary Andrews, Nathan Mendoza, Ryan Moloney, Nicholas Pashenkov and Kasia Segieda. Air Academy Tuition grants were received by Larissa Stickney and Sam Baczkewicz.

Bob called for an initial meeting for LOEFI Planning

Vice President Report: *Gwen Walcott* Introduced Guest speaker Judi See.

Secretaries Report: *Todd Blue* requested approval of the February minutes as published in the March Newsletter. Motion made, seconded and passed

Treasurer Report: *Art Woods* gave overview of Scholarship disbursements and current accounts. Motion made to accept, seconded, and passed.

Young Eagle Report: *Todd Blue* Announced that next Young Eagles Rally will be May 6. Initial call for pilots and ground volunteers will be sent out.

Membership report: *Scott Speirer* indicated new members have joined Chapter 179.

New Business: Reminder to all that the Ford Tri-motor will be at Double Eagle May 6-9. Volunteers are always needed.

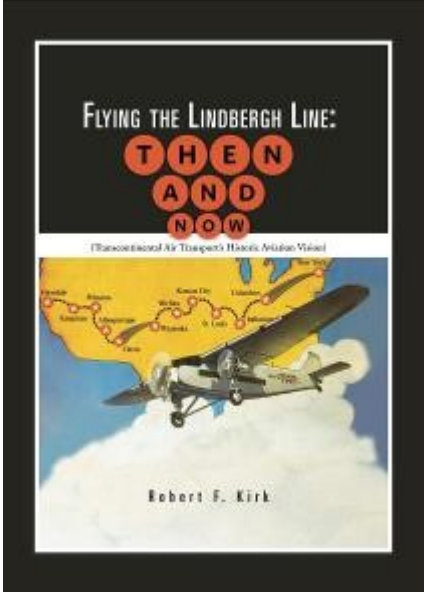
Bob indicated that the first LOEFI planning meeting will be in April at Dion's on Wyoming.

Motion to adjourn made, seconded and adjourned at 6:35. Followed by a Presentation by Judi See, from Sandia, on the accident cause of the Virgin Galatica spaceship 2 crash October 2014.

Respectfully Submitted: Todd Blue- Secretary



Our Chapter is growing. We moved the meeting into the large room at the restaurant.



Flying in the early 20th Century was dangerous business. Aircraft were made of sticks and cloth and their engines failed at an alarming rate. Those who flew experienced a high incidence of accidents. Almost every pilot had stories of seized engines, landing or takeoff mishaps, becoming lost, bad fuel, dangerous weather and lost friends.

However, some saw this stumbling attempt to master the skies as an opportunity to bring the human race forward. They had a vision of stylish travel across the ground and into the heavens with comfort, speed and profit. Such was the vision of Transcontinental Air Transport's Lindbergh Line that began the first scheduled coast-to-coast airline passenger service in 1929. It teamed with aviation visionaries Charles Lindbergh and Amelia Earhart to build a new industry. That industry's successful struggle evolved into our modern airline passenger service, one that carries us across the continent and across the world.

Join us for a PowerPoint Presentation and Book Signing on the history of TAT as it developed into the airline giant TWA.

Flying the Lindbergh Line: Then & Now by Robert F. Kirk available at www.authorhouse.com

Clouds Are Not Soft

By Rose Marie Kern

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Is there anyone who has never laid back looking upwards into a bright blue sky and thought about how fluffy, wispy and soft the clouds above looked? That universal impression of clouds is one of God's great jokes.



VFR pilots are required to avoid flying into clouds for a very good reason – you mostly cannot see through them. Hiding in their midst could be birds, other aircraft, drones, or even mountains.

Mountains? Yes, Cumulous Granite. One of GA's most insidious traps is laid when an unsuspecting flat land pilot heads into the mountains. Ahead he can see clouds, but since he is planning only to fly in the passes, under the cloud banks, he should be ok. Right?

I've briefed two different pilots in my career who came out of the central plains heading for a vacation at ski resorts in the Rockies. In general the cloud bases were at least 10,000 feet MSL – which seemed to be more than high enough in their opinion. Both pilots were told about AIRMETs for Mountain Obscuration, and I mentioned that VFR is Not Recommended in this situation.

One of them decided to wait a couple of hours. The clouds lifted later in the day and he was shushing by the next morning. The other one just couldn't wait to hit the slopes – which he did somewhat sooner than he imagined.

Birds are pretty good at “see and avoid” but clouds can mess them up as well. I remember sitting in the tower cab at Albuquerque International one day when a ground based fog rose up above us. We could not begin to see the ground outside.

Suddenly out of nowhere a huge flock of blackbirds came hurtling towards the windows. At the last moment the flock split into two groups and flew around the edge with only a couple soft sideswipes.

Other types of clouds can cause distress. Any form of cumulous is created because of the mixing of warm and cool moist air. The mixing is felt as turbulence. The degree of turbulence in and just above the clouds

increases as cumulous turn into towering cumulous and cumulonimbus. Even powerful jet aircraft can be bumped around when they attempt to climb over a thunderstorm.

Another interesting and scary cloud formation is the Standing Lenticular. These usually form over tall terrain features into saucer shaped clouds, frequently several layers high. They are smooth looking – which belies the fact that the winds inside of those clouds are very strong with a high degree of shear.

Lenticulars are also a visual clue that a mountain wave is probably present. The wave will force air upwards dramatically on the windward side and downwards on the leeward side. Fighting the up and down drafts can take a great deal of strength. That affect may be experienced all the way up to 40,000 feet!

The only clouds that pretty much advertise the fact that they are not just pretty pansies are tornados and hurricanes, but the rest of them can and should be a warning to pilots who are in a hurry to get someplace. When you are tempted to cut through a fluffy corner of the sky remember...Clouds Are Not Soft!

Rose Marie Kern has worked in the ATC environment since 1983. Her book “Air to Ground” is a compilation of the articles she's written for pilots over the past decade and can be found on her website www.rosemariekern.com.

Rose Marie Kern's book, *Air to Ground*, is out now on Amazon. Here is the link: https://www.amazon.com/dp/0998572500/ref=sr_1_1?s=books&ie=UTF8&qid=1484713044&sr=1-1&keywords=rose+marie+kern

Ford Tri-Motor at KAEG, April 6-9, 2017

Albuquerque “Flew the FORD”

Thanks to everyone who got friends and co-workers out to “*step back in time*” with a ride on the FORD Tri-Motor. What a terrific response! 429 total passengers joined us from as far as Los Alamos and Santa Fe, Ruidoso and Gallup!

We were grateful for enticing and timely media coverage -see our Facebook page for links. Gusty winds caused us to shut down flights mid-afternoon on Saturday and Sunday, but disappointment was met free ground tours for anyone who came out. For many, it was their first plane ride and exposure to EAA and our chapter.

Adding a historic flavor were JD Huss of EAA 179 and the ABQ Cavalcade of Wings plus Steve Owen and his crew from the CCHS Airway Heritage Museum at Grants-Milan Airport. Robert Kirk, author of “*Flying the Lindbergh Line, Then and Now*” gave presentations and signed his book. Two car clubs, the Tin Lizzies and Model A club of Albuquerque showed up in force, offering a once in a lifetime photo shoot Saturday. *Stay tuned, they all want to join us for LOEFI!*

Some interesting stories . . .

- “I’m the same age as the airplane. I was born in 1928 and got my first airplane ride in a Ford Tri-Motor in 1938.” <big smile>
- At least two mentioned seeing or flying on a Ford Tri-Motor as kids in Farmington, NM.
- Several people were transported by Ford Tri-Motors to fish off the islands in Lake Erie. These were out of Port Clinton, Ohio, the home of the Liberty Museum who owns NC9645.
- Those who watched pilots closely or the lucky few co-pilots enjoyed the experience immensely. Per Lee Otto, “Those pilots really had to work - what heavy controls!”
- “I’ve never seen an airplane like this before! I heard it flying over my house and had to come see what it was! WOW!”
- “The inside is beautiful! And more room than today’s airlines!”

Especially from young passengers, “It’s LOUD!”

THANK YOU! THANK YOU to all! Over 35 local



EAA members volunteered, supporting arrival, routine maintenance, a plane wash, and especially staffing a SAFE tour stop. Did I mention all the great food? Susie, Randy and many additional hands made sure no one went hungry! **Bode Aviation** provided a hangar and ground transportation for visiting mechanics and pilots which helps EAA minimize costs. **AvFuel**, Bode’s fuel supplier donated 200 gallons of fuel. All were critical to the success.

We didn’t know prior that EAA welcomes volunteer help for the 100 hour inspection (now we know). But many came from the woodwork to help. From EAA’s mechanics and pilots, “you had lots of volunteers and everyone was great to work with. We got the job done. Thank you!” Asked if they would return, Brian Hartwick (handling ticket sales) said that “You’ve shown there is great community interest so there’s a good chance she’ll be back.” Yay!

We agree. Our volunteers are awesome! That’s what makes it so fun.

‘til next time, your fearless leaders,

Konrad Werner and Joyce Woods

EAA’s FORD TRI-MOTOR GEAR

IF you want to purchase FORD Tri-Motor merchandise, you can order online from eaa.org/shopairtours. If you do so by April 23, 2017, you can use the **PROMO Code: F2606 at checkout and **SAVE 20%** off your purchase! 10% of your purchase comes back to Chapter 179.**







Robert Kirk, book signing





RELIVING A MEMORY

By Frank Gilmer, Albuquerque

The Ford tri-motor aircraft (Tin Goose) was made in 1928, the year I was born. As a 10-year-old in 1938, I took my first airplane ride in a Ford tri-motor departing from Albuquerque's West Mesa Airport (now the site of West Mesa High School) for a flight over the city.

Fast forward to April 6, 2017, I again experienced a tri-motor sightseeing flight -- this time from Albuquerque's Double Eagle Airport.

Thank you, Experimental Aircraft Association, for allowing me this thrilling opportunity!



Volunteers make it happen!!



Kids of all ages enjoyed the ride!



Harry Davidson, Albuquerque aviation historian enjoyed his ride.



Super media coverage, even at the break of dawn!



Right seat Tri-Motor time!!

THE BASH IS BACK!



WHEN: JUNE 3, 2017 5 P.M. TO 8 P.M.

**WHERE: CUTTER AVIATION HANGAR
ALBUQUERQUE SKYPORT**

→ **Free Admission For All**

(Individuals under the age of 21 must be accompanied by an adult.)

→ **Donations accepted to help support NMAAA's Aviation
Aerospace STEM Expo.***

→ **Food available via food trucks**

→ **Cash Bar for Beer and Wine and Soft Drinks**

→ **Flyins Welcome**

Free Parking on Cutter Ramp and Special Fuel Prices

→ **Aviation Exhibits**



* The STEM Expo is an ongoing (5th Annual) educational event which promotes careers in aviation and aerospace. Our goal for this event is to bring mid and high school students out to see aircraft and aerospace displays while providing them an opportunity to talk with pilots, engineers and professionals working in the industry. To date we have enlightened over 15,000 New Mexicans about opportunities here in our great state.

**Announcing the grand opening and fly in for the new Zuni Municipal Airport,
Zuni Pueblo, New Mexico, April 25, 2017 at 10:00 a.m.**

Please make plans to celebrate with the Zuni community as they mark this huge achievement. Pass this notice on to others who also might be interested in this event.

We look forward to seeing you there! If you have questions or need more information please call me at 505-348-5218

Alice Rego | Project Specialist
WHPacific, Inc. | 6501 Americas Pkwy NE, Ste 400, Albuquerque, NM 87110
Direct 505.348.5218 | Fax 505.242.4845 | arego@whpacific.com

Grand Opening and Fly in...
New Zuni Municipal Airport

Date: April 25, 2017 ***Time: 10:00 a.m.***

Location: Five (5) miles west of Zuni on NM State Highway 53

- ***Food***
- ***Entertainment***
- ***Planned Activities***
- ***Guest Speakers***

Double Eagle Aviation Academy 2017 – Accepting Applications

See the event flyer on page 13

Want to get involved? Know someone that could benefit? Applications are now being accepted for the 5th annual DEAA, June 5 – 9th at Double Eagle II Airport.

Youth 14-17 years explore a future in aviation through a fun mix of hands on and classroom activities. Students are introduced to flight fundamentals, maintenance, and designing and building aircraft. Instructors provide exposure to career and hobby pilots, mechanics, homebuilders, engineers, air traffic controllers, and other aviation specialists from commercial, military and general aviation. Participants are invited for a free Young Eagle flight with a volunteer pilot on Saturday June 10th, following a route they plan.

APPLICATION DEADLINE is APRIL 29, 2017 Space is limited to provide the best experience. Download flyer and application at: <http://eaa179.org/double-eagle-aviation-adventure/> Tuition (\$99) is not due until accepted. Inquire about scholarships. Questions?

Volunteers / Sponsors? It takes over 50 volunteers to put this on each year. If you're interested in helping, please contact Joyce Woods at chapter@eaa179.org We depend on sponsors to keep the cost down, so if you can help, please let us know! Checks may be made out to "EAA 179" and sent to: EAA179 – DEAA; P.O. Box 3583; Albuquerque, NM 87190.



Double Eagle Aviation Academy

June 5-9, 2017

Double Eagle II Airport, Albuquerque

Explore a Future in Aviation

- ✦ Consider aviation careers
- ✦ Learn about aircraft, how they fly, aircraft building, pilot communications
- ✦ Plan a flight, check weather, conduct pre-flight checks
- ✦ Meet pilots, mechanics, engineers, air traffic controllers, and other specialists
- ✦ Invited for a Young Eagles flight Saturday, June 10

Ages 14 – 17

Application deadline April 29, 2017

Selection based on applications. Previous aviation knowledge or experience not required.

Get application at www.eaa179.org

\$99 tuition includes T shirt, Lunch & Snacks, all class / workshop materials. Tuition due after acceptance. Inquire per need-based scholarships.

Sponsored and directed by volunteers of Albuquerque EAA Chapter 179, a 501(c)3 tax exempt charitable organization.

Contact us at: chapter@eaa179.org



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/El 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!

Aviation Historical Society—First Thursday of the Month, Formation begins at 7:00 PM at Bear Canyon Community Center. Contact Harry M. Davidson, Ph (505) 256-7212

EAA Chapter 179

P.O. Box 3583

Albuquerque, NM 87190-3583