

Albuquerque, NM Chapter 179 Enchanter



August
2017

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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

August 15, 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.

August 26, Land of Enchantment Fly-In (LOEFI), Double Eagle II Airport (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.



AirVenture 2017

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From the Editor, Harley Wadsworth

AirVenture was fantastic, as usual. It is a complete aviation extravaganza. If a picture is worth 1000 words, I have a lot to say in this issue (see page 7) Ha.



LOEFI is almost here. I am looking forward to taking a lot of pictures for next months newsletter. HW



Chapter 179 gets together for a Chapter photo shoot in front of the brown arch.



Art and Joyce at the new KOSH home for EAA Chapters and Young Eagles, the "Blue Barn"

There were A LOT of New Mexicans in Wisconsin for AirVenture 2017. I can easily count 35 that I know of. We didn't organize anything to get together but everywhere you went, you ran into someone!

Marilyn Rhodes took this pic as a subset of 179 at the "EAA Chapters at AirVenture" group photo at the Brown Arch. Harley, not in this picture, showed up just before they took the group EAA chapters picture from the cherry picker.

From L to R: Dan Horschel, Emilio Verastegui, Jon Farley, Joyce Woods, Art Woods, Doug Rhodes, and Guy Jones.

Joyce Woods

Speaker

Your on... Bring your AirVentures pictures to share with the group after the meeting.

View some AirVenture videos here: <https://www.youtube.com/watch?v=lpuseB8HFeE#t=142.963804>

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 MINUTES FOR JULY 18, 2017

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

Introduction of Guests/ New Members: Bob Richter-Sand called for guests. Guests included Jeremy Frick, David Ortiz, Jim Hernandez all from CNM. John McGuffin (originally a 179 member) has returned to the Chapter.

Presidents Report: Bob Richter-Sand. Bob announced that the Board of Directors met Tuesday July 11 with a quorum present. Items discussed were the purchase of a new projector for the chapter. The board accepted the expenditure of \$500.00.

Bob discussed the Young Eagle registration system, with groups showing in large numbers. Also discussed repeat YE flyers with a suggestion that they be handled at a separate event. Bob indicated the need to evaluate our Chapters "Young Eagle protocols." Discussed Chapter meeting room at Bode. Also, a short discussion on possible Chapter build kit plane. Mentioned Golden Eagle Initiative and EAA Eagle program.

In the absence of Dick Perry, Bob indicated that Dick is trying to organize a Route 66 Air Tour.

Vice Presidents Report: Gwen Walcott. Gwen announced there will be no presentation next meeting due to LOEFI. Gwen had some name tags for those ordered.

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

Treasurers Report: Art Woods. Art summarized current operating budget and scholarship funds. Art requested approval as submitted. Art acknowledged donations from Chapter 530 and Aspen avionics. Motion to approve as presented was made, seconded and accepted.

Membership, Promotion & Publicity: No report.

Young Eagles: Todd Blue. Todd indicated next Young Eagle will be September 9. Will advertise after LOEFI. As usual ground volunteers are needed for registration and crowd control.

LOEFI: Daniel Horschel: Dan indicated that things are on track. Ashley Goldman will be handling numerous tasks during the day with her fellow Air Force members along with Chapter members. Eric Goldman announced that he has arranged a raffle for a ride in the

Eclipse jet August 10.

Old Business: None New Business: None

Meeting was adjourned at 6:30 followed by a presentation by CNM personnel Jeremy Frick, David Ortiz, and Jim Hernandez on the Aviation program at CNM.

Respectfully Submitted;

Todd Blue -Secretary

We Need Your Support for LOEFI!

Land of Enchantment Fly-In is just a few days away: August 26, 2017. Here are just a few of the positions we are still trying to have staffed:

Local Transportation: About 4 drivers that can assist folks getting in/out of the Bode Van

Photographer: At least one more person to take pictures of all the judged planes. Others to take general pictures and video of the event would be helpful. Harley will also be taking pictures.

Builder's Corner: Bob R-S and Randy Reimer will need some breaks throughout the day. A person that can come in and give them a break is needed.

Welcoming Booth: 2 hour shift, for about 16 people. See details in Public Welcoming.

Contact **Dan Horschel** if you can help with any of these tasks or **if you can help in any way.** His phone number is 505 271-9407 or at dhorschel@outlook.com.

Summer Flying Fun!

By Rose Marie Kern

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Summer Flying Fun!

The spring winds are still howling here in New Mexico though by the time this article is published it will be June. What a winter/spring! We've had a lot more rain than usual – which is great for us desert folk! The Rio Grande and all its acequias (irrigation canals) are running full.

It is cooler than normal for this time of year too, last weekend it actually snowed. All this makes you wonder which direction 'climate change' will actually take us. However, I am certain that the warmer temperatures are just around the corner, and whether you are flying in the Rockies, the Ozarks, or over the plains of central Texas – it is time to start boning up on the changes warmer temperatures bring to your flying experiences.

First and foremost, it is time to dig out the charts for calculating Density Altitude. DA is a silent killer – no loud bangs of thunder, no screaming winds. Nothing that stands up and screams "Hey, You better rethink your weight and climb ratios!"

I watched from Albuquerque Tower one morning about 10am as a Delta L1011 prepared to take off of Runway 8. That's over two miles of runway, but at 91 degrees, and a mile high at the surface, the heavy aircraft lumbered like a pregnant cow. All of us in the tower watched with concern – the nose wheel didn't lift until it was more than three quarters to the end of the runway. The tires barely cleared the low barricade at the end before they folded into the fuselage.

It struggled with the ground effects and we wondered if it would top the Sandia National Laboratory east of the field or not! It did, and then we watched as it struggled over the next barrier to the east -Manzano Mountain. The TriStar did finally break the ground effect – which was a good thing since the then current governor of New Mexico was aboard!

Even though the field elevation at Phoenix is only 1135 Feet, the temperatures frequently climb above 105 degrees in summer. When this happens, the airport managers and ATC stop departures and landings because even with parallel runways over 2 miles long the air is

too thin for the flaps to grab.

Mountain pilots in general are more aware of the sneaky way DA sabotages their ability to negotiate takeoffs and landings. Flat land pilots learn about it during training, but until they land or take off from a high elevation airport it doesn't hit home.

The three things to remember are: Elevation plus heat plus humidity=high density altitude. In the mountains pilots should automatically start calculating DA whenever temperatures get above 75 degrees Fahrenheit.

Summer is also a time when the upper air streams moisture out of either the pacific or the gulf coast throughout the western and central parts of the country. That moisture stays aloft and invisible until the afternoon heat begins lifting it into fluffy cumulus. When enough moisture meets enough uplift we get sporadic afternoon thunderstorms that can quickly become severe. Throw in the west texas dryline or a random cold front and Area Weather Watches for storms and tornadoes abound.

The heat also generates considerable afternoon turbulence and mountain waves that can "push-pull" an aircraft as high as 35,000 feet!

A frequent question to flight service specialists during the summer "monsoon" season is "When will it stop?!" The answer is mid-September when the jet stream begins waving its way into a fall pattern. In the meantime, pilots will find flying conditions the best in the early morning to between noon and 1pm when the air starts to rise.

Something else to keep in mind if thunderstorms are possible – summer thunderstorms tend to produce BIG hail. I have been traveling in the mountains twice when fist sized hail pounded huge dents in my vehicle. Once I was traveling west out of Amarillo in clear blue skies. I could see the anvils at least 20 miles south of V12, so I thought I was good, but then a few random watery balls of slush struck for about 3 or 4 minutes. I was fairly low so they'd mostly lost their cohesiveness as they dropped through warmer temperatures – but my heart jumped around like mad!

Moral of that story – stay far away from thunderstorms and if there is even a possibility that one might be in the neighborhood, consider paying for hanger space.

Another common summer hazard is fire. Whether it is a forest fire in the mountains or a grass fire ripping across the plains, the smoke decreases visibility dramatically. Usually the total number of Temporary Flight Restrictions (TFR) increases during the summer months as firefighting aircraft dominate an area. To check and see if a TFR has been issued you can go to the www.faa.gov/tfr website, or any other good pilot briefing website.



If you are doing any border crossing over the summer remember that Customs makes you stay in or close to your aircraft when you land in the U.S. until they can come out to inspect you. If they are busy you could be sitting in the hot sun on a ramp in El Paso or Tucson for close to an hour – so bring extra water!

Summer flying is a lot of fun on dry high pressure days, but don't ASSume anything – get your pilot briefing as usual and look for potential problems just as you would if it were winter!

Rose Marie Kern worked in ATC for over 34 years. Her book, "Air to Ground" is a unique resource offering pilots insights into the world of Air Traffic Control and Aviation Weather. You can get it through Amazon or her website www.rosemariekern.com.



September 30, 2017

8 am to 1 pm

Lea County Regional Airport in Hobbs, NM

3rd Annual FlyHobbs Aviation Day features planes of all shapes and sizes flown-in by their pilots, local business giveaways, and plenty of great food! Come enjoy what the skies have to offer! Free admission to the public and free food to all pilots. Expecting over 100 aircraft and 4,000 attendees. Come join the fun.

<http://flyhobbsaviationday.com/>



Award Winning Aircraft OUTSTANDING WORKMANSHIP

recognized at Oshkosh!

Robert Anderson was recognized with this "Kit Built OUTSTANDING WORKMANSHIP" Award at Airventure Oshkosh 2017 with his gorgeous RV-8 that graces EAA 179's 2017 Land of Enchantment Fly In (LOEFI) poster. He was recognized for "Best Homebuilt" at LOEFI 2016 and took 2nd place for "Custom Built Metal" at Copperstate Fly-In 2016 in Mesa, AZ.

CONGRATULATIONS ROBERT!



Doug Rhodes left, Emilio right



Chapter 179 members Doug and Marilyn Rhodes won a Bronze Lindy award with their Gyroplane, N223DR

Fantastic!

Emilio just sent these pics. Wow!!!

I guess it was worth the trip for Doug and Marilyn to fly his Gyrocopter to OSH 2017!!!!



Joyce

Land of Enchantment Fly In (LOEFI)

Saturday, August 26, 2017 – Double Eagle II Airport

What's a Fly-In?

Similar to a car show, aircraft fly in to be judged, while spectators get to see a gathering of amateur built, antique and other unique aircraft — and meet their pilots, builders, and restorers! Expected highlights include the Chile Flight (formation flying team), helicopters, gliders, ultralights, and static displays of remote controlled aircraft.

What's there to do?

Come early to see aircraft as they arrive and catch the 8AM Opening Ceremony and flag raising

Browse the Exhibit Hall with aviation businesses, educational institutions, and nonprofit organizations. Learn about aviation education, careers, technology, fun!

Enjoy EAA 179's FREE pancake breakfast and/or burger lunch, donations accepted

Try riveting at the Builders' Corner! Talk to builders!

Engage the kids in the Youth Aviators Center

Attend an pilot safety seminar – 3 to choose from!

Shop at EAA 179's Fly Mart and buy used aviation treasures

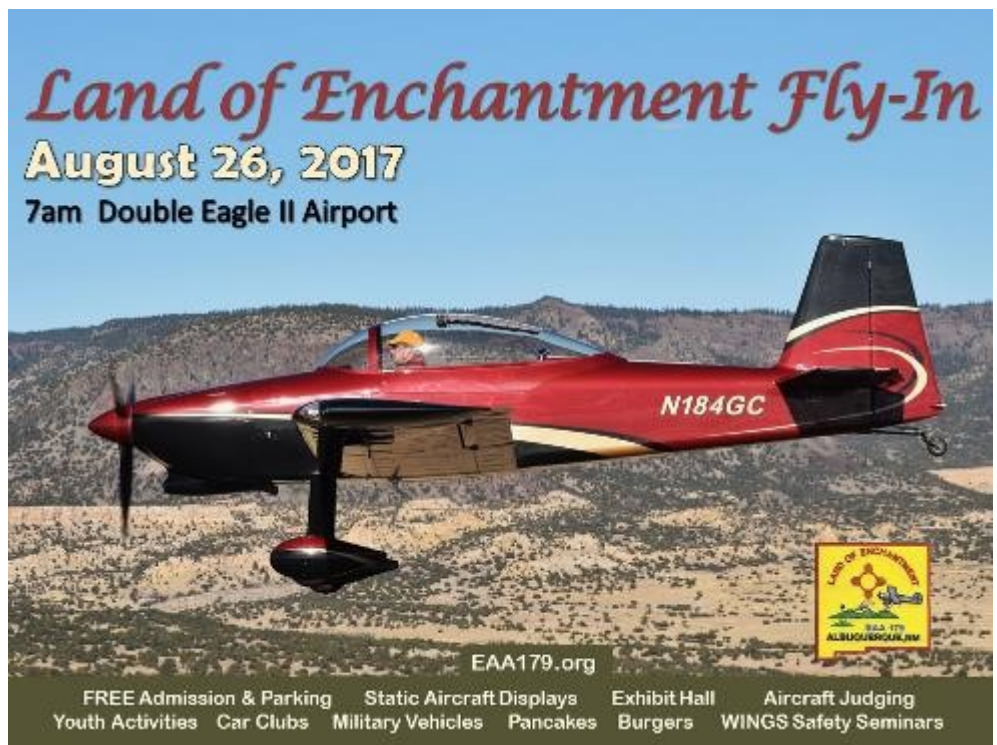
Stroll the ramp of aircraft, military vehicles, and cars.

What to bring?

A refillable drinking water container, sun protection, comfortable shoes, and your camera!

FREE Admission and parking, FREE Pancake breakfast and Burger lunch, donations accepted. Any proceeds go towards activities supporting EAA Chapter 179's mission including aviation scholarships, Double Eagle Aviation Adventure (summer teen program), Young Eagles events, and youth outreach activities. *Questions? Contact us at chapter@eaa179.org*

Aircraft Award Categories: Best Homebuilt; Best Vintage; Best Contemporary (1956-1970); Best Warbird; Best Sailplane; Oldest Aircraft; Furthest Home Airport, Grand Champion; People's Choice





Starting the
afternoon air
show

AirVenture 2017

AirVenture was a BLAST! Here are a few of the pictures I took. Hope it brings back great memories for those who have been there and encourages those who have not to go next year. It is a complete aviation extravaganza. One can not see it all in the short week. There are many great videos on YOUTUBE and the EAA web page. Take time to see some of them.

My brother, Tom, and I drove out this year and camped there for the week. Our brother Van too, from Ohio. It was a record year for attendance, which was spread out over a large airport, so it was not crowded. Lots of room to spread out and plenty of facilities to accommodate everyone. Something for everyone in the family.

The weather was very pleasant this year too. A little rain and very comfortable temperatures / humidity.

I saw several New Mexicans, and two of them were big award winners: Robert Anderson with his RV-8, and Doug Rhodes with his gyrocopter. See details in this issue.

Harley Wadsworth



RV Acers



Left: Blue Origin rocket has been into space five times. It returns for a vertical landing. Called the New Shepherd after Allen Shepherd who

was the first man into space.

Below: Amazon's deliver drone.



B-1B Bomber



EAA Flight Line Pavilion for EAA Life Time Members and their guest.



Fun Fly Zone, down on the farm





A true Ultralight being developed by Just Planes



Blue Angels



Flying Musicians jamming.



Blue Angels.



Rock climbing adventure.



Acrobatic planes



CHANG 184: one pilot, eight propellers, and four motors (184). They showed movies of it flying with a pilot on board. No controls other than a computer that one tells where one



Beautiful Cessna 170 at the Vintage Barn.



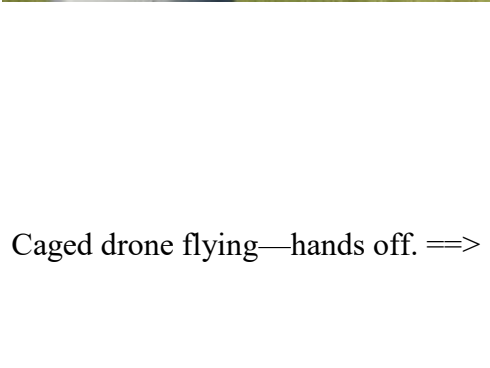
Flying car concept.

This is a panorama shot from where the silo used to be, looking East.

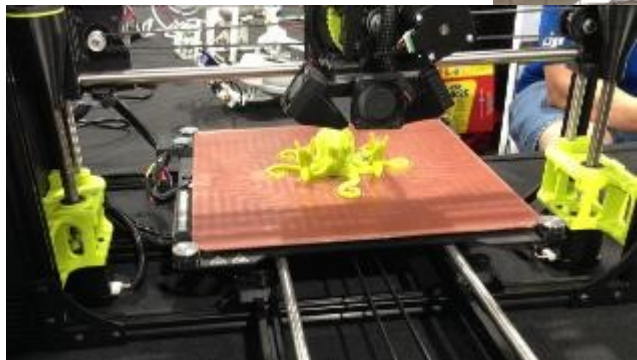




STOL



Caged drone flying—hands off. ==>



3D printing



Bob Carlton giving autographs at the Ford building.

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

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