

Albuquerque, NM Chapter 179 Enchanter



**February
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

February 21, 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.

April 6-9, Fly the Ford Tri-Motor at Double Eagle (KAEG)

June 5-9, Double Eagle Aviation Advneture (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.



Young Eagles, February 11, 2017 at KAEG. See Page 6...

Inside This Issue

Upcoming Events & Chapter Meetings.....	1
From the Editor.....	2
From the President.....	2
David Otero, EAA Technical Counselor	3
Type Aircraft Classifications, By Rose Marie Kern	4
Quick Notes.....	4
2017 US Flight Expo in AZ	5
Chapter 179 Meeting Minutes	5
Young Eagles, February 11, 2017 at KAEG	6-7
Fly the Ford Tri-Motor.....	8-9
Double Eagle Aviation Adventure.....	9-10
On-Going Events.....	11

From the Editor, Harley Wadsworth

We had a great February Young Eagles Rally. We got a great turnout of kids to fly, thanks in part to the KOB TV Chan 4 News publicity. See pages 6-7 for more info.



I am excited to have David Otero's article as an EAA Technical Counselor (see page 3). He is a very valuable resource who has helped me with my RV-6. He is very skilled and knowledgeable and I know I will be utilizing his talents and expertise.

Checkout the link to the 2017 US Flight Expo in Arizona (see page 5). I want to go for sure.

Upcoming chapter events are the Ford Tri-Motor flights (April 6-9), Young Eagles (May 6), and DEAA (June 5-9). See pages 8-10 for the event flyers.



David Otero with a Young Eagle



Young Eagles

From the President, Robert Richter Sand (Bob)

Greetings Members. Corporate business took me back to Dayton, OH after our last Chapter meeting, and there were a couple of interesting aspects of the trip that are worth talking about. The 1st day of meetings was held at the Engineers Club



(www.engineersclubofdaytonfoundation.org), a historic block building started by leaders in industry at the turn of the century. The very quiet Orville Wright was an early member and there are a number of aviation related artifacts in the museum like setting. On the afternoon of the 2nd day our team had time to visit the Air Force Museum. My last visit was 2006, and I'm pleased to state that expansion and improvements make this an extraordinary destination for any aviator. Nearly ALL aircraft are now inside (4) renovated and connected hangars, including the XB-71, a B2 stealth bomber, and missiles from our triad defense. I have enough photos to make a brief and interesting presentation at a later date. See you at the Chapter meeting! BobRS

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.

David Otero
EAA Technical Counselor #450336

This, I hope, will be the first of many monthly articles that I will write for this newsletter.

My job as an EAA Technical Counselor is to volunteer time to visit other EAA members who are in the process of building or restoring their own aircraft, particularly experimental aircraft.

To quote the EAA website: "EAA Technical

Counselors are experienced airplane builders,

restorers, and mechanics. The goal of EAA's Technical Counselors program is to help members present a "zero defect" aircraft at final inspection by the FAA. It's aimed at providing experienced builders to help you make the right choices during construction.

If you are building or restoring, tap into this member benefit early in the project to save time, money, and aggravation! Get the peace of mind that can only be had from an experienced builder looking over your work to provide you with a best path forward."

Building or restoring an aircraft should be approached with a fair amount of humility. I've had the pleasure of meeting and working with some outstanding craftsmen and mechanics, none of which will hesitate to ask for help and a look over their shoulders.



"Do you wish to rise? Begin by descending. You plan a tower that will pierce the clouds? Lay first the foundation of humility." Saint Augustine

If I can't help you, I'll do my best to point you in the direction of someone that can. I am not an A&P. I don't claim to be an expert in any area of aircraft building. My experience is mainly with metal aircraft construction, but, I have developed many a blister from rib stitching fabric wings, I've pulled many splinters from my fingers working with wood and I've scratched all night from a fiberglass project.

My personal qualifications:

Rebuilt a Pitts S1 in 1998 N47BS (Including overhaul IO360)

The FAA said that I changed it so much, they registered it as a new aircraft.

Assisted construction of a Laser Z-200 1995 - 1998 N93UK

Rebuilt a Pitts S1 in 2002 N13DG

Employed as a Manufacturing Technician Eclipse Aviation Final Assembly 2006-2006

Taught Aircraft Manufacturing Technologies At CNM for Eclipse Aviation 2006-2008

Built Van's RV-7 2015 - 2016 N505RV (Including overhaul IO360)

I am not the only TC available. The latest list from EAA shows 13 Technical Councilors in New Mexico including 5 in the Albuquerque area. You can find the complete list on the EAA.org website.

The important thing is to get an additional set of eyes on your plane.

Next month, I plan on sharing my ideas about construction quality.

If you have a question or an idea for future articles, give me a holler at daoteronm@gmail.com.--

David Otero

daoteronm@gmail.com

Type Aircraft Classifications,

By Rose Marie Kern

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What kind of aircraft does Air Traffic Control think you have?

This is a question many homebuilders face when they go to try and file a flight plan. For awhile it was possible to just use HXA/B/C to categorize homebuilt types but that changed. In general, an aircraft type designator is assigned to all aircraft heavier than micro-/ultra-light, but what if yours is unique?

If you have no official designator as found in FAA Order JO 7360.1 Aircraft Type Designators, , you are now required to file ZZZZ under Aircraft type in the flight plan and then add a description of your aircraft in remarks. Most experimental aircraft fall under "small fixed-wing piston", though there are many other options listed in the order.

Even if the aircraft you are flying has been around a VERY long time, sometimes the FAA decides to change its designator. Many pilots of Piper Cherokees still try to file PA28 as their type, but over a decade ago it was officially changed to P28A. (The funny part of that is that the book shows 38 different models use P28A as the official "type")

When entering flight plan information be aware that only 4 digits/letters can be entered in the field. Frequently pilots call Flight Service to file a flight plan and when asked what type they have they will say "Cessna 182, RG, 350...." And all kinds of other information that is not needed. C82R does just fine.

The JO 7360.1, says "The more significant "homebuilt", "amateur-built", or "kit plane" aircraft will be assigned a designator; however, these aircraft will only be listed under the original designer or under the manufacturer that produces or produced the aircraft type in series."

If you have built a unique aircraft, you can request a type designator for your aircraft by going to <http://www.icao.int/publications/DOC8643/Pages/ContactUs.aspx> and filling out the appropriate forms.

Rose Marie Kern has worked in ATC for over 33 years. Her book, Air to Ground, contains a wide vari-

ety of information for pilots about ATC, the NAS, and Aviation Weather. For more information go to her website at 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



Quick Notes



Inherited Taylor Mono Plane project for sale. Asking \$4500. For more info, contact **Scott Ruch**
scott@wagnermechanical.com





The 2017 US Flight Expo is coming!

May 3 - 6, 2017 will be the date for the 2nd largest fly-in trade show in the US! With a first class airport, 4 day trade show, as many as 1000 fly-in aviators, great mountain views and the best flying weather in the US, US Flight Expo 2017 is going to be the place to be in May.

[Link to US Flight Expo 2017](#)

Chapter 179 Meeting Minutes

CHAPTER 179 MINUTES FOR JANUARY 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 Roy Jemison, Stephen Fleming, Roy Jemison and Pat Caruthers.

Presidents Report: Bob gave an overview of the Chapter Board meeting. New budget of \$18,150 was approved. Bob indicated an incredible last year courtesy of several successful events and lower than budgeted expenses. Other action approved was an increase in the scholarships to \$1500 and 5 to be issued to qualified applicants. Bob also indicated that an evaluation of operating expenses for the current year based on last year will result in a margin. If this year goes well the chapter will remain in the black financially.

Other initiatives and options were presented, including quarterly Board meeting and furnishing name tags and business cards for Chapter officers and "public/pilot facing members."

Vice Presidents Report:

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

Treasurers Report: Art Woods gave a summary of current accounts.

Membership, Promotion & Publicity:

Young Eagles: Todd announced the Young Eagle Dates for 2017. February 11, May 6, June 10 (DEAA) students, September 9, and November 4.

Old Business: None

New Business: Bob discussed proposal for the Golden Eagle Initiative, a program to offer senior non-flying pilots rides to keep their involvement.

Bob announced that the Ford Tri Motor Plane will be at Double Eagle April 6-9 offering rides.

Meeting Adjourned at 6:35 followed by a film presentation on the B17.

Respectfully Submitted;

Todd Blue -Secretary

Young Eagles, February 11, 2017 at KAEG

Young Eagles Fly In a Major Success! By Bob Waters

I am usually a pilot at our Young Eagles fly ins and this time worked behind the counter printing certificates and arranging log books for our Young Eagles.

They say that what you see depends on where you stand. What a view it was! The lobby was filled with happy and excited parents and kids awaiting their chance to experience the magic of flight. Many more families patiently awaited outside the hangar or enjoyed a breakfast of pancakes and sausage – the best at any fly in anywhere! “What number are we on?” was a question asked many times that morning as patience began to wane.

Over 130 kids registered to become Young Eagles and we were able to accommodate about 110 of them until the winds picked up and pilots began to tire. Safety first was the explanation we gave to those disappointed few who arrived a little too late and got too high a number. “Come

(Continued on page 7)



Young Eagles (Continued from page 6)

earlier next time” was the advice we offered, knowing that we can get filled up quickly.

We never know what our turnout of Young Eagles will be, so each event is a new experience of volunteer service meeting the hopeful expectations of new flyers. In our favor on Saturday was beautiful, warm and calm weather. We also benefited from an excellent news article on KOB TV about the event.

We had an excellent turnout of pilots to accommodate the Young Eagles. We had a great ground crew welcoming every new participant and their family and efficiently checking them in. We had a great group of volunteer cooks and servers.

All of these activities were done under the guiding hand of our Chapter Young Eagle Coordinator, Todd Blue. Thanks Todd! And thanks to all the volunteers, whether pilots, cooks, ground crew, or greeters! I think we all had a good time talking to others about our aviation passion and maybe bringing a few more aspiring pilots into the fold!

2017 is off to a great start!



See KOB TV Chan 4 morning announcement for Young Eagles event at the following link:

https://drive.google.com/file/d/0BwOEgby-QFcKMmJYeS0ya3dSYmM/view?usp=drive_web

See KOB TV Chan 4 evening announcement for Young Eagles event at the following link:

<http://www.kob.com/new-mexico-news/children-invited-for-free-flights-as-double-eagle-airport/4396829/#.WJ56S0s1Q-0.email>



Fly on the Ford

EXPERIENCE THE GOLDEN AGE OF AVIATION

FORD TRI-MOTOR PROPERTY OF



**Albuquerque, NM
Double Eagle II Airport
April 6-9, 2017**

Advance Online Pricing: Adult \$70 Child (17 & Under) \$50 **Walk-Up Pricing:** \$75 **Rides:** Thursday-Sunday 8AM-5PM

FOR MORE INFO: **FLYTHEFORD.ORG**



OR CALL: **1-877-952-5395**

Fly the Ford Tri-Motor

April 6 – 9, 2017 8am – 5pm daily

Double Eagle II Airport

See the event flyer on page 8

Save the date! Don't miss this long awaited opportunity!

For those of you who know aviation historian, Harry Davidson, he's been trying to get EAA to bring their Tri-Motor tour to Albuquerque for many years. Finally! We get to celebrate the return of a 1928 Ford Tri-Motor 5-AT-B, an aircraft that helped develop the first commercial air service across the United States.

Albuquerque shares this history, having served as a key stop along the 1920's Transcontinental Air Transport (TAT) route. Still remaining in the area are several concrete arrows, foundations for navigation beacons which guided pilots along the route. Some of you may have visited the Cibola Aviation History Museum at Grants-Milan Airport and are up to speed on this story.

The event should draw a good crowd over the 4 day visit, with rides priced at \$70 (adults advance), \$75 (adult walkup), and \$50 children under 17. Although there won't be aircraft "tours" like with the B-17, airport visits to see the aircraft are FREE. Book your flight now at www.flytheford.org Flights are sold by day and filled on a first-come, first-serve basis.

Want to help? Contact either Konrad Werner or Joyce Woods, tour stop leaders. EAA expects our chapter to raise financial donations to support the tour and "keep it flying!". In March, we'll need help spreading posters around town. And as usual, we'll need volunteers on site to help host this special event. Contact Konrad or Joyce at chapter@eaa179.org.

Double Eagle Aviation Adventure 2017 – Accepting Applications

See the event flyer on page 10

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 Adventure

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, then onto Lunch at T J's New Mexican Restaurant at 235 Highway 314 SW, Los Lunas at 11:45AM.

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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