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Standing Committees

Membership

Art Woods

membership@eaal79.org

Land of Enchantment

Fly-In (LOEFI)

Emilio Verastegui

loefi@eaal79.org

Double Eagle Aviation Academy (DEAA)

Jim Kessler

deaa@eaal79.org

Young Eagles

Dan Fuka

youngeagles@eaal79.org

Scholarships:

Mark Sturm

scholarships@eaal79.org

IMC Club

Barry Harper/Joyce Woods

imc-club@eaal79.org

Technical Counselors

chapter@eaal79.org

David Otero

Emilio Verastegui

Gwen Walcott

Storage Locker

Dan Morse

chapter@eaal79.org

Reimer Aircraft Factory/ Tool Crib

Lee Otto

chapter@eaal79.org

Newsletter

George Young

newsletter@eaal79.org

Web Master

George Young

webmaster@eaal79.org

General eMail

chapter@eaal79.org

Snail Mail

EAA 179; PO Box 3583

Albuquerque, NM 87190-3583

Upcoming Events & Chapter Gatherings

[IMC Club](#) – May 21 0930-1100 hrs, hybrid format

[May Chapter Gathering](#) – May 17, 1800 hrs

[Flying Companion Seminar](#) – Cancelled

[Chapter 1306-Edgewood, Flying Start](#) – May 21

[Double Eagle Aviation Academy](#) – Jun 6 - 10, 2022

[Chapter 1306-Edgewood, Young Eagles](#) – Jun 11

[EAA AirVenture Oshkosh](#) – July 25 - 31, 2022

[Land of Enchantment Fly-In](#) – Sep 24, 2022

May 2022

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Notes from our President Emilio Verastegui



Mt. Ranier as viewed from
Lake Washington.

Hello Chapter 179 members and friends!

May is finally here and Spring has sprung. Typically, the winds have begun to blow and, as of right now, do not seem to have any end date! Man, they can be formidable sometimes.

As I write this, I want to thank all the members who were very helpful at our Young Eagle Event on **2 April**. It was another resounding success and another feather in our cap. Dan Fuka, our YE Coordinator, is doing a marvelous job at “herding cats” and I am talking about the pilots involved

here. Of course, the online registration available for the YE kids makes an event like this so easy, it’s almost effortless for Dan. I am very pleased with the way things are evolving here.

Speaking of YE Events, we have just this past Saturday finished our **May 7** Young Eagle Event. It was a huge success! According to our YE Coordinator, Dan Fuka, 6 pilots flew a total of 47 YE kids. Yes, it was time consuming, but very gratifying for the pilots to be able to offer free flights to so many young people, most of whom were first time flyers. Unfortunately, while the day began with a slight chill, it became very warm very quickly and consequently, very bumpy. It is, after all, New Mexico and May! I think all our Young Eagles today went away with a smile on their faces. Most seemed to take the heat and the bumps in stride and I, for one, heard nary a complaint from the eleven I flew. Even with the heat, all the airplanes seemed to perform well and there were no mechanical issues. The KAEG tower personnel were very cooperative and accommodating towards our Young Eagle pilots.

While the **May 7** Event will be our last YE Event in the front half of the year, we have several others scheduled for the second half of the year. The dates are Sept 10, Oct 15, and Nov 5. Please come out to enjoy the morning, help where you can, share flying stories if you have any, and in general, make the day a better one for a young person interested in airplanes and aviation. We look forward to seeing you there

On April 30, I participated in a Young Eagle Event at the **Mid Valley Airpark (E98)** as a flying pilot. Not unexpectedly, there were quite a few age appropriate kids at E98 to get their taste of aviation that morning. In fact, almost 50 showed up! I personally had 6 flights and flew 17 kids that morning. There was a very large crowd and at times it seemed to be controlled chaos. EAA Chapter #530 did a marvelous job making sure that everyone who was eligible was registered, and that everyone was well fed and had plenty to drink! As expected, it became very warm and bumpy by the end of the morning. But, there were a lot of happy, dare I say - beaming, kids after it was all said and done. Who wouldn’t be grinning - they each got to take to the air and enjoy the view from above!

Our presenter for April was Dr. Lauren Chavez, who, in addition to being a Medical Doctor and flight instructor, is the Aviation Director for SAMS Academy, located just off the south end of Double Eagle Airport. Many of our Young Eagle kids are students there, and we have had the honor of having several go on to get their Private Pilot’s License, and beyond! “Doc” as she is known to her students at SAMS, is much loved there by everyone at the school. Her presentation explained her current role there and what her duties are. If you didn’t get the chance to attend our Social Gathering in April to hear her speak, you might catch a glimpse of her at the airport (KAEG) with one of her SAMS flight students. Please say hello to her when you see her!

Our May presenter will be Luke Vaughn, one of our recent Ray Scholarship recipients, a flight student prepping for his Private Pilot’s License flight exam and soon to be Air Force Academy Cadet in the coming Fall term. He is a very sharp young man and deserves your special attention. Please come and join us at our May Social Gathering on **May 17**. Look for more details in this newsletter.

I want to make a special mention of a recent happening that has stunned all of us here at Chapter 179, but in a very good way. Mr. Bill Shuert, President of the NM Aero Education group, at the April Gathering, presented the Chapter with a check in the amount of \$10,000 dollars! I will not go into great detail, but suffice to say that his group thought very highly of our Chapter, our education programs, and the fact that we bring aviation to so many young people and to the general public. They felt that we were very important to NM’s aviation community and that was sufficient reason to present such a large sum to us. While the officers and Board of Directors have not yet determined exactly how that amount will be spent, it will be spent towards further education and the promotion of aviation. **Thank you** Bill Shuert and the NM Aero Education group from all of us at Chapter 179!

The month of May will soon give way to June and that can only mean that **DEAA** is upon us! Another highly anticipated Chapter event to bring education and aviation to young people. It requires a tremendous amount energy, coordination and skill to put something of this quality together. To make it go smoothly all week long means long hours and lots of TLC by those involved. If this sounds like a challenge you would like to participate in, please give Jim Kessler or me, or any other officer a ring to let us know how you would like to help. It’s easy and more fun than you can imagine. Please come out and join us! See this newsletter for more details.

OK, so that’s all I can write for now. I am getting hand cramps from so much writing!

I look forward to seeing each of you on the **17th of May** at our next Social Gathering. As the man said, be happy and come prepared to talk in “airplane-speak”!

Sincerely,
Emilio

Emilio Verastegui, President
EAA Chapter 179
chapter@eaa179.org

Notes from the Editor

George Young

Young Eagles—what an amazing event. I've had the opportunity to meet so many kids and their families at our events (and at the MidValley event in April).

- Some have shown up not knowing why they were there—their parents surprised them. Their eyes lit up quickly when they realized that they were going to go flying.
- Others came anticipating the chance to go flying.
- Still others were returning for another go at it.

I try to get each of them to Be Observant by giving them information from which they may be able to visualize what the experience will be like once they get in the airplane. I invite them to:

- Be Observant—outside the airplane. First, the horizon—where is it during takeoff, level flight, in turns, and descending. Second, features on the ground—things that they may be familiar with, or things that are new to them (like the volcanic plugs in the Rio Puerco).
- Be Observant—inside the airplane (instrument panel). Ask the pilot to point out the altimeter (and I discuss sea level vs ground elevation) and airspeed.
- And I finish with the idea—Have A Good Time.

My goal is to give them information leading to some understanding of what we do as pilots. The first-timers—some seem to take it in (pilots can better judge how much). For those who have flown before—many show that they are “getting it”—they are digesting the concepts and practices of flying. It is these Young Eagles who represent our future pilots, a testament to the value of the Young Eagles program.

Many thanks to the pilots who volunteer their time, personal and airplane, and to the “staff”, Dan the Coordinator, Alex the Registrar, and to everyone else who comes out to assist. And we have a good time, too. Everyone is invited.

George Young
Editor & Webmaster
newsletter@eaa179.org

Reminders

Double Eagle Aviation Academy (DEAA) - June 6th thru 10th

- May 13 – Deadline for submission of applications for DEAA
You are invited to participate in planning and presenting this great program for youth. Meanwhile, spread the word. (Jim Kessler)

Land of Enchantment Fly-In (LOEFI) - September 24th

Early planning and preparations will be getting under way in the coming weeks. Stay tuned to the Newsletter and the Web Site as activities are scheduled. *All hands make light work.* (Emilio Verastegui)

May Gathering

Joyce Woods



May 17, 2022

6:00 PM Potluck

6:30 PM Program

Double Eagle II Airport

PROGRAM:

Exactly Where I'm Supposed to Be

By Luke Vaughn, EAA 179 Ray Scholar

Luke Vaughn, a graduating senior from Volcano Vista High School, has been volunteering alongside adult chapter members since he was selected for a scholarship in March 2021.

Heading off to the Air Force Academy already in June, he asked to present at this gathering. Join us to hear Luke's message to our chapter.

Luke soloed in an Air Force sponsored flight training program last summer. Since then, he received our Chapter's EAA Ray Scholarship to finish off his private certificate with Bode Aviation instruction. Encountering many delays as unfortunately is typical for flight students, Luke is now preparing for his checkride which should occur before he leaves for the Academy.

Each month, these “Chapter Gatherings” offer time to network with programs centered on exchanging experiences and ideas about aviation – airplanes, flying, and flying activities – rather than the chapter business which is addressed in bimonthly Board meetings.

Where: City Maintenance Facility at Double Eagle II Airport

Directions: The City of Albuquerque maintenance facility at Double Eagle II Airport is next to the Control Tower. [At the last stop sign before turning left to the main airport parking lot, proceed straight through the gate towards the Control Tower. Look for EAA signs.](#) Park in front of the city building.

Driving to Double Eagle II: Take I-40 or Paseo del Norte west to Atrisco Vista Blvd and follow airport signs. (7401 Atrisco Vista Blvd)

April Gathering – Recap Art Woods

Southwest Aeronautics, Math and Science Academy

Thanks to our “foodie” members, we had a great dinner! And then we had a marvelous Chapter friend talk about SAMS Academy. Lauren Chavez, SAMS Aeronautics Director, gave us an update on the aviation program located on Double Eagle Airport. And then followed up with an exchange with members on how the Chapter can better support their kids.

Besides her director title that she added last year, Lauren is also a CFII, AME and medical doctor. But from the bottom of her heart, she’s a teacher!!

SAMS is a free, public STEM charter school that prepares students in grades 6 -12 for college and career in a unique, stimulating atmosphere where innovation and imagination soar! Currently, there are 87 students in the aviation program.

The Aviation program starts with intro classes for Freshman (mixed in with a standard high school curriculum) and progresses to advanced aviation programs in support of seniors earning their pilots license. The Academy has a Cessna Skyhawk for flight training which is supplemented by an FAA accepted simulator that counts toward required flight hours. As a result of a revelation last year that it’s FREE – all students are required to take a Young Eagles flight which qualifies them to take the Sporty’s sponsored ground school. And once that is completed, they can then take the knowledge written exam. For FREE...

They are searching for ways to add a second plane – be it a teen-build program or purchasing another Skyhawk. They’ll see what works for them. Chapter members have “adopted” kids in the program to expose them to a wider range of aircraft and education backgrounds. Contact one of the Chapter officers if you have other ideas to further SAMS mission.



New Mexico Aero Education—Surprise Donation!



Bill Shuert, President of New Mexico Aero Education surprised the chapter, presenting a \$10,000 donation, accepted by President Emilio Verastegui, on behalf of EAA Chapter 179.

Indeed, we share the NMAE passion for promoting and advancing aviation and motivating high school students to pursue an aviation career path. Our chapter is honored to help carry forward the NMAE mission with these funds.

NMAE’s STEM Expo introduced over 28,000 high school students and educators to aviation since 2013. Unfortunately, events were cancelled in re-

cent years because of COVID concerns. NMAE also granted scholarships to aspiring pilots, some of which also received our chapter scholarship.

Chapter members have appreciated opportunities to participate in NMAE STEM Expos over the years and recognize the favorable impact the events have had on New Mexico youth.

Check out this great video from 2013 when it was held at Kirtland AFB: [New Mexico Aero Education - Expo Video 2013 \(nmaeroed.org\)](https://www.nmaeroed.org/)

Chapter Support from CSI

Steve Preteska spoke for a few minutes about CSI’s commitments supporting our Chapter’s activities. He intends this year to bring 2 of their turboprop aircraft for display at LOEFI (last year they had one aircraft at LOEFI, notably with an all woman crew). And they have regularly been a corporate donor to our Chapter’s activities.

He also spoke of the value of a close relationship with EAA 179. Our endeavors to attract youth to pursue aviation careers provides a pipeline for their business. (And he noted that one of our DEAA alumni and a past scholarship winners, Rowan Phlieger, is now a pilot for CSI).

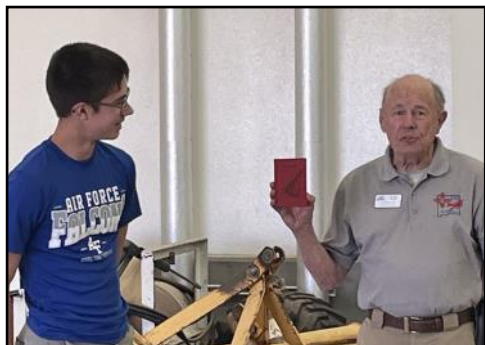
(Continued on page 5)

April Gathering – Recap (continued) Art Woods

(Continued from page 4)

Sendoff for Luke Vaughn

George Young asked for a few minutes to make a special presentation. He invited Luke Vaughn, our 2021 Ray Scholarship recipient, to join him. Luke had announced at our last Gathering that he had received an appointment to the U.S. Air Force Academy. As a USAFA grad himself, George knows a thing or two about what Luke will face, especially as a Doolie (a first year cadet, also known as Fourth Classman).



George presented Luke with a copy of the Doolie's "bible", a copy of Contrails from 1962-63, issued to the Class of 1966. This would, of course, be the class from 60 years ago; Luke will be in the class of 2027. George advised Luke to start studying now, to memorize everything in the book; Doolies will be required to recite things like the Air Force Song, quotes from historical Air

Force figures, performance specifications of current Air Force aircraft, and some miscellaneous facts.

He and his classmates will receive their own edition. Except for the few changes he can expect since then, he would be ahead of "the power curve". He might even quote from the '62 edition to the surprise of the upper classmen (tho' in my time that might have earned him a few pushups, while the upper classmen chuckle when back in their rooms).

In any event, we send Luke off to USAFA with best wishes and we will be looking forward to hearing about his experiences and successes in this, his next adventure.



IMC Club – May 21, 2022

Barry Harper, Bill Weber, John DeWitt, Discussion Leaders



Sharpen your Instrument Flying Skills!

The chapter IMC Club meets the 3rd Saturday of each month, 0930-1130 at Double Eagle II Airport, still a hybrid session (in person or remote). Anyone is welcome to participate!

Participate in-person in the Bode Aviation conference room, 2nd floor, next to the café. Meet up at the café prior for breakfast or after for lunch.

OR To Join Remotely, register in advance: <https://us06web.zoom.us/join/register/tZAqcu2trTMSE90hPalGZZ2ARXirxrbpx8H1> After registering, you will receive a confirmation email with info about joining the meeting.

IMC Club sessions provide an open discussion based on instrument flying scenarios. Discussions provide a good review of essentials for IMC flight plus a fun way to meet and learn from other instrument pilots.

If you'd like to receive FAA Safety WINGS credit, register for the Seminar also on the FAA site: www.FAAsafety.gov

Barry Harper & Joyce Woods
IMC Club Coordinators, EAA 179
imclub@eaa179.org

EAA Chapter 179 Membership

Art Woods, Membership Chair

MEMBERS MAKE OUR CHAPTER!

We always welcome new members no matter the time of year. Please consider joining the 80 plus members who renewed or joined for 2022. The dues payments help fund a scholarship, pay our national EAA fees and enable your chapter to offer fantastic programs throughout the year.

We look forward to seeing you at our monthly meetings, at Young Eagles rallies and of course at our premier Land of Enchantment Fly-In in September.

Art Woods
Membership Chair
membership@eaa179.org

Double Eagle Aviation Academy (DEAA)

Jim Kessler

Our 8th Double Eagle Aviation Academy (DEAA) offers another fun and challenging week at the airport! Students ages 14 – 17 will explore a future in aviation. Students will learn about many facets of flying and airplanes:

- learn about career opportunities in aviation from professionals
- learn and practice reading weather reports
- learn to use the lift and drag equations of aerodynamics
- learn the aircraft controls for pitch, roll, and yaw
- learn the importance of balancing weight in the plane
- learn and practice interpreting the instrument “Six Pack”
- learn how aluminum structures are designed to be strong
- learn what is inside the motors of airplanes
- learn the legs of a traffic pattern
- learn and practice communicating at non-towered and towered airports
- learn and practice assembling a simple electrical wiring circuit
- learn and practice riveting and rolling aluminum to make part of an aileron
- learn and practice conducting an aircraft pre-flight inspection
- learn and practice planning a flight
- fly with one of our Chapter members on a special Young Eagles rally on the Saturday following

The doors will open at 8:15 AM with time to meet pilots and spend time talking about and sitting in different airplanes each morning. Class starts at 9:00 AM. There will be morning and afternoon snacks and lunch is provided. Each day will end at 4:15 PM. A student notebook with the contents of all the presentations is provided to each student. If you are interested in aviation, this is an exceptional opportunity to discover the possibilities.

Applications **are due by May 13**. Download the Application here:
https://eaa179.org/wp-content/uploads/2022/01/Application_DEAA-2022-v1.pdf

Questions? Let us know. Contact us at deaa@eaa179.org



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 11

Ages 14 – 17
Application deadline **May 13, 2022**
Selection based on applications. Previous aviation knowledge or experience not required.
Get application at www.eaa179.org

\$150 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 non-profit charitable organization.
Contact us at chapter@eaa179.org

DEAA Update

Jim Kessler

DEAA 2022 is preparing for another group of 18 young aviation enthusiasts between the ages of 14 and 17. The class starts June 6th and goes until June 11th when we will have a special Young Eagles Rally for the students.



- We have a full schedule for the week with classes in:

Aviation weather	Navigation - Flight Plan/Nav Log
Compass Heading	Maintenance Careers
Commercial Pilot	Engines
Tower Tour	Avionics
Simulator training	Weight & Balance
Aerodynamics	ATC Tower Tour
Instruments	Communications
Navigation - Dead Reckoning	Aircraft Construction

- Every morning we have pilots displaying their aircraft and talking about their flying experience.
- We have 3 simulators to use during the week. On Wednesday the student will practice fundamental flying maneuvers using the simulators.
- Each student receives a binder with all the classroom presentations included. They are encouraged to take notes during the class presentations.
- The students can participate in a special Young Eagles Rally on Saturday June 11th. They will have planned the navigation route and are encouraged to fly the route they planned.
- We have some new things to keep the students interested this year. We have a new simulator and a PA-12 wing and fuselage frame. The PA-12 component will be on display all week.

The excitement is building.

- Set up day is June 2nd. We will meet at the City Maintenance Facility underneath the Tower at Double Eagle at 9:30 am.
- If you have an airplane you would like to show the students on one of the mornings, please contact Joyce Woods.
- On Friday afternoon June 10th, we have a reception, when the students receive their certificates. All are invited to attend. This is the culmination of the week.
- We will begin teardown on June 10th in the afternoon as well. Final teardown will be on Monday June 13th at 10:30 AM.

If you would like to help, contact Jim – eMail an phone number below.

Jim Kessler, DEAA “Principal”
deaa@eaa179.org
(910)467-2162 (cell)

We recently received an eMail message from a Kyle Usiak who attended DEAA in 2014.

"Hi Joyce,

I'm currently still in Daytona finishing up my other bachelors degree in Global Conflict Studies. I got my CFI in September and CFII in February! I'm part time instructing at a small pt. 61 school here in Daytona as well. I'm currently looking for jobs just about everywhere.

Hopefully I can build more hours then get some SIC time in a turbine aircraft soon and see where that takes me! If anyone has job prospects, I'd appreciate any help!

Attached is a photo with my CFII instructor after I passed.

Hope all the planning for DEAA is going smoothly and everyone is flying safe!

Kyle"

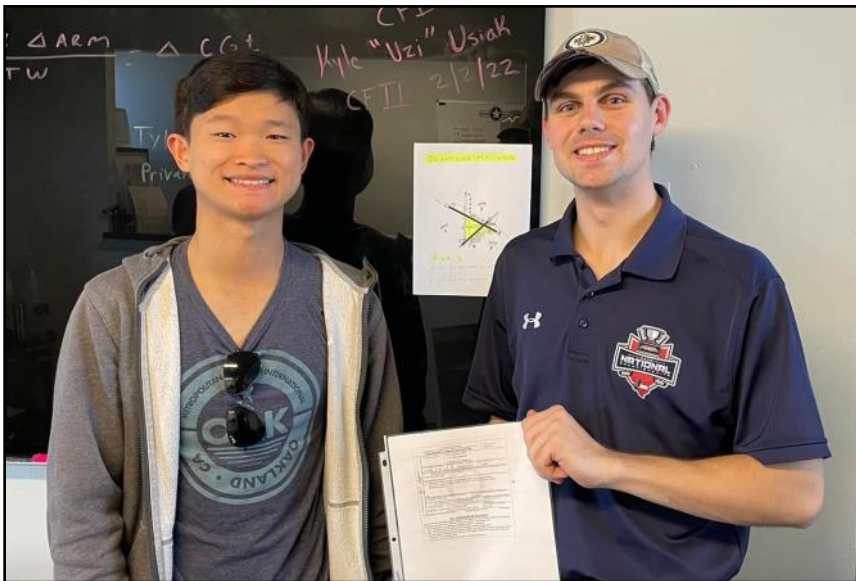
He is graduating from Embry-Riddle Aeronautical University—Daytona Beach:

B.S. Aeronautical Science '21

B.S. Global Conflict Studies '22.

And with these certificates: CFI/CFII CPL ASEL AMEL ASEL/IR

Our congratulations to Kyle—that's quite a record of accomplishment.



Ray Scholar - Prom Photo with a Plane!

Joyce Woods



Roni Bearup, our chapter's latest Ray Aviation Scholarship recipient asked several months ago if it would be possible to utilize my Cessna for a prom photo shoot because she and her date are both pilots.

Elliot just started at Embry Riddle in Florida and Roni soloed last summer through the Air Force program she qualified for out of her High School JROTC program. She plans to complete her private certificate with Bode Aviation.

Roni's mom, Erica served as photographer starting with ground photos. Then Joyce and Mom took the smartly dressed couple for an early morning flight!

Roni's dress was so expansive that it barely made it, stuffed in between the seats.

Quick flight and fun time! Great way to start a special day.



Scholarships

Mark Sturm – Scholarship Coordinator



Greetings chapter members and friends. Well, sorry to say (or not) that I personally did a lot more flying than scholarshiping this past month. I knocked off a couple of my bucket list fly-in locations. My wife and I first flew the Velocity down to Marfa and Alpine TX early in the month. From there we rented a car and drove down to explore Big Bend National Park for a few days (our 50th of the 63 I believe). Here we are on the Rio Grande in Santa Elena Canyon. We then flew over to Austin TX for some urban exploring, great food, and to

watch the world's fastest motorcycle racers compete on their only US stop at Austin's Circuit of the Americas course. Wow, just amazing to see them leaning 60° into turns, hitting top speeds near 200 mph, and breaking so hard the back wheel is in the air.

After that excitement we flew over to Fredricksburg TX and stayed at the Hangar Hotel. Parked the plane right at the hotel; how cool is that?! Some great German food and lots of interesting shops and wineries to visit. Three great destinations that were possible because of the great freedoms we have to fly our general aviation planes wherever we wish. I'm really blessed to be able to make such a wonderful trip.

The chapter did receive \$6,000 last month from EAA National for Veronica Bearup's 2022 Ray scholarship. Recall that she had a JROTC scholarship for a flight program in South Carolina last summer that got her about 40 hours and enough time for solo, nights, and simulated IMC. She has begun the final stretch with Bode and hopes to complete her PPL this summer before heading off to UNM in the fall.

Luke Vaughn, our 2021 Ray scholar is almost checkride ready and will have his private pilot's license in May. He's been regularly supporting our ground crew at the Young Eagle events; maybe he'll be giving rides at our next one.

Mark Sturm
Scholarship Coordinator
scholarships@eaa179.org



LOEFI 2022

Editor



Planning for LOEFI began in earnest on April 29th with a ZOOM meeting of Members who have come forward to fill key roles in planning and presenting our signature event. Those in attendance were:

Emilio Verastegui: LOEFI Committee Chairman, Site Coordinator, Logistics
Bob Richter-Sand: Site Planning, Builders Corner
Kyle Reinhardt: Food Trucks+
Jessica Reinhardt: Funds Management, Youth Aviation Center
Joyce Woods: Exhibitors and Exhibit Hall, Seminars, Publicity
Art Woods: Chapter Members' Booth
Dan Morse: Publicity and Logistics Support
George Young: Publicity, Signage, and Pilot Welcoming

There are many other Lead Roles for which we will need Members coming forward to fulfill. The LOEFI Hosting Handbook is being updated to reflect changes (such as food trucks and camping) as well as incorporating lessons learned from previous events. The list of Roles and their descriptions will be published soon to help you choose where you might step up to lead or assist.

Planning meetings will be held monthly, on the following dates. They will be conducted via ZOOM starting at 1830 hours.

Wednesday	<u>May 25</u>
Thursday	<u>June 23</u>
Thursday	<u>July 21</u>
Monday	<u>August 8</u>
Wednesday	<u>September 14</u>
Friday	<u>September 23</u>

Here's something everyone can help with—PUBLICITY.

1. Pick up some BUSINESS CARDS from the RAF (Chapter Hangar), keep some in hand, and offer one to friends, colleagues, anybody you meet. (The cards also have the Young Eagles date for the year.)
2. Start identifying places where you can put up a POSTER. We will have them available in early August, some 6 weeks prior to the Big Day.

On September 23rd "all hands" will be needed to put everything in place, ready to welcome fly-in pilots (some camping Friday night) and the public. All Hands will make preparations easier for everyone – and a "burger fry" (or other menu) will be provided in the afternoon for the Setup Crew.

RV-12 Build Project High Desert Flyers

Progress continues on the RV-12 Project. For those new to it, the Chapter received a set of wings and empennage from generous donors. Then the Chapter purchased the kit for the fuselage and assembled it up to the point where it was ready for engine, avionics, etc. Because of EAA rules, the project was then purchased by the High Desert Flyers Association to continue to completion. HDF has purchased the engine and avionics and it's members (also Chapter members) have continued the build.

Latest progress:

- Engine installation has been completed to the point where the cowling can be fitted.



Stephen and Lee—fitting the cowling.

- Avionics wiring in in place. Next step is to install and connect the equipment.
- We received the N-Number from the FAA that we had requested some time ago. Thanks to Dave Otero for producing the decals.



HDF has obtained our N-Number, honoring Chapter 179.

Quick Links to Chapter Website

Web Site: www.eaa179.org
Young Eagles: www.eaa179.org/youngeagles
IMC Club: www.eaa179.org/imc-club
DEAA: www.eaa179.org/deaa
LOEFI: www.loefi.org
Scholarships: www.eaa179.org/scholarships
Newsletters: www.eaa179.org/newsletters
Calendar: www.eaa179.org/calendar
Membership: www.eaa179.org/membership
Contacts: www.eaa179.org/contacts
Facebook: www.facebook.com/EAA179

Regular Chapter Events

3rd Tuesday – Chapter Gathering
Except March (Scholarships) & December (Holiday Gathering)
3rd Saturday – IMC Club
1st Tuesday of Odd Months – Board Meeting

An Airplane at “The Wheels Museum”

Dick Perry

The Wheels Museum

I recently visited the Wheels Museum at the Albuquerque Railyard. The President of the Museum is Leba Freed, who has been a long-time advocate for preserving the railroad history of Albuquerque and the Railyard, itself.

The museum is focused on railroads in Albuquerque, but interested in anything related to transportation/wheels. Their aviation holdings are limited at present, though they are working with Kirtland AFB, Cavalcade of Wings, etc. to better tell the story of aviation in Albuquerque. Their principal holdings relating to aviation are models at this point.

When Leba learned I was a pilot, she showed me a homebuilt project that the museum had acquired. She knows little about it. It is a wood frame, fabric covered aircraft. I photographed what was readily available and visible (attached).

I could not identify it. I found a black plastic wrapper which I thought might contain drawings, but the wrapper was empty. There is a box containing spruce and aluminum which might provide additional information to the inquisitive, but I did not delve into it. There are completed wing ribs and tail surfaces, and a pair of wheels.

Leba would like to know more about it and find a way to put it on display along with some information to enlighten the museum goers.

I thought of EAA 179, of course, and wondered if this might be a research project that a member or small group of members would want to undertake. It could be as little as trying to understand what it is, up to preparing a display for the museum. I'm certain Leba could credit EAA 179 for the display if that is the end result. Anyone interested in the challenge?

Editor: Are you interested in the project? Dick could provide the initial contact/coordination with Leba. His eAddress is rperry-at-comcast.net.



6 Tips to Improve Your Radio Calls

Emilio Verastegui



Learning to fly and becoming a knowledgeable, proficient, and an efficient pilot take practice and takes time. One aspect or facet of this is using the radio correctly to communicate with controllers and even other pilots. Yes, the aviation community has its own “lingo” and can be sometimes intimidating if you are not familiar with the words, phrases, acronyms and shortcuts sometimes used to speed up

communications. Using the radio correctly and efficiently takes a bit of practice and some time.

I learned to fly at an airport that had a tower that operated 24 hours a day. The airspace around that type of airport is today called *Class C airspace*, much like **KABQ**. I base my Bonanza at **KAEG**, with Class D airspace, which has a tower, but is only open and operating most of the day but not the full 24 hours each day. There are other differences that make Class C airspace different from Class D airspace, but I'll only discuss those for now. I often fly to smaller airports like Grants, Mid Valley and others. Those are all uncontrolled airports, so it is up to the pilot, me, to announce my position to others nearby so they are aware of my presence. I many times worked into and out of airports that had strict rules about communications, speed and other issues. Those airports are in Class B airspace, like Memphis **KMEM**, Los Angeles **KLAX**, Atlanta Hartsfield **KATL**, Chicago O'Hare **KORD**, Newark **KEWR** and others. Regardless of the type of airspace at an airport, each requires its own types of communication. You can catch up on all this, and more, in the [Pilot's Aeronautical Handbook of Aeronautical Knowledge](#), downloadable directly from the FAA website, faa.gov.

All my explanations here to you are based on the assumption that the airplane you are flying has a radio and that it works correctly all the time. If it has failed in flight, then you will become very familiar very quickly with the light gun signals from the tower, if you are operating into or out of an airport with a tower. You will need to know the meaning of each light signal directed your way. Old school, yes, but still essential, should your radio fail.

On the other hand, if you are flying an airplane WITHOUT any radios, then that poses a whole new set of communication issues. In todays world, communication radios are essential. As is ADS-B! You must be equipped with ADS-B Out to fly in [most controlled airspace](#) in the USA. Without either of those two items, your flying will be very restricted as to where you can fly. I feel it is essential that each pilot departing or entering an airport environment be totally familiar with the requirements necessary to operate smoothly and efficiently in that airspace. As I said, all it takes is a bit of practice and some time.

Below are several tips to help you become a better communicator when flying about in the airspace nearest you!

- 1) Anticipate the call. This comes with experience, but knowing when to expect a radio call and what you expect them to say to you minimizes the times you are caught off guard.
- 2) Don't rush. Listen before you speak. Think of what you are going to say before speaking. Aircraft radios can sometimes sound scratchy and many times be hard to hear. A good headset helps in that regard. Pace yourself, because it reduces the chance of your transmission being unreadable and/or confusing.
- 3) Write down the details. Whether it's a taxi clearance or an IFR clearance, ATC can sometimes be long winded and/or talk too fast. Your experience level may be a factor, but practice and time will make things go smoother. Be ready to write down what you hear so you don't have to ask twice.
- 4) Get familiar with the terms. Not sure how you should say something? Check out the “Pilot/Controller Glossary” at www.faa.gov/air_traffic/publications/atpubs/pcg_html/.

5) Keep the mic close to your mouth. The further the mic is from your mouth, the more background noise it picks up and the less others will understand what you are trying to communicate.

6) Plan your call before you push to talk. Read tip #2 again. Here's a template that helps:

- Who are you calling?
 - *Double Eagle Tower, Nashville Ground, etc*
- Who are you?
 - Full N-number on the first call
- Where are you?
 - *15 miles northeast of..., On the ramp at Signature, etc*
- What do you want?
 - *Inbound landing with information Golf, taxi with ATIS Zulu, etc*

I hope these tips help you become a better pilot, even a master pilot.

All it takes is a bit of practice and some time. Good luck!

Emilio Verastegui, a pilot

Other Organizations & Online Resources

George Young, editor

In recent months, I've been compiling a list of organizations and online resources covering various aspects of our mutual interest—Aviation. This month I'm highlighting service organizations of volunteers providing assistance to the public, people or organizations, using our resources—flying. As a Chapter we do a lot—Young Eagles, DEAA, LOEFI for examples. But perhaps you might be interested in participating in activities beyond our Chapter's events, to enhance your flying experiences and at the same help others in some way. Here are a couple of examples.

Angel Flight

Bob Waters: Have you ever thought of using your plane to give back? If so, you might consider flying for Angel Flight. I've started doing that again and have made three flights between Albuquerque and Las Cruces in the last 2-1/2 months. There are many other places to go too.

Flying for Angel Flight is easy, fun, and a great way to fly AND help out the community. My flights have been to bring patients for appointments to local Albuquerque hospitals or doctors – no emergency flights. All of my passengers have been very appreciative of the ride. Some were nervous to begin with but enjoyed the ride once we got flying. George Young has served as my assistant on a few flights.

Other local pilots you may know have been much more involved than I, including Art Tangen and Dan Talfar. If you want to find out more about the program or get involved, I suggest you reach out to Steve Rehnberg, our New Mexico Flight Leader (505-250-1109 and srehnberg@yahoo.com), who also has extensive experience. I would also be glad to talk with you. Please let me know.

{Bob flies a Comanche 250 out of MidValley, is a past president of EAA 179, and has great articles published in the NMPA monthly newsletter. I enjoyed very much joining him on two Angel Flight missions to Las Cruces, taking off from MidValley by 0800, picking up passengers at KLRU who were ready and waiting for the flight, and back on the ground at MidValley by noon.}

LightHawk

Lanny Toning: When life has been good enough to us to let us fly air-planes, we like to share the experience with others. When sharing the experience can actually help others, it's a double bonus.

As a daylight VFR pilot who flies for the sheer joy of flying, my options for making contributions with my flying are limited. No instrument rating means flying is limited by the conditions going on in the sky rather than when a flight 'has to happen.'

So, when I learned about LightHawk, I was intrigued. LightHawk volunteer pilots take passengers up to provide a bird's eye view of areas and activi-

ties where the focus is on conservation. Which means the flights are based on being able to see the area clearly. Daylight VFR! Works for me!

Conservation groups call LightHawk when they want to get a good overview of areas they are interested in from a conservation perspective. They like to arrange flights for local leaders, local supporters, journalists, elected officials...anyone they feel might get a better idea of their vision...from above.

I've had the opportunity to take passengers on flights for the Nature Conservancy, the Agricultural Land Trust and similar organizations over past few years. My passengers have always found that the view from above increases their enthusiasm for telling the story of their conservation hopes and dreams. We've looked at places in the Pecos Wilderness where expansion of roadless areas is under consideration. We've flown over large ranches being considered for Land Trust acquisitions to preserve the rural character. We've flown photo missions to record impacts of human activities on the land below for future efforts at mitigation and restoration.

It's all about perspective and the view from above is just that. And it's another excuse to fly. 'Nuff said.

{Lanny flies a Rallye out of MidValley. He is also editor of the NMPA Newsletter, active in veteran's organizations, in particular as a founding member of the board for the Vietnam Veterans Memorial at Angel Fire. I've flown with him often, exploring from the air many places around New Mexico where I have or might go hiking. So I can imagine how valuable a LightHawk mission would be for non-pilots to see from the air territory in which they have an interest.}

A couple of examples of LightHawk missions:

- [Navajo Nation Department of Fish and Wildlife](#)
- [New Lobo Arrives via Specially Chartered Flight](#)

New Mexico Airstrip Network

"The New Mexico Airstrip (NMAN) is a coalition of multiple state and federal agencies, organizations, and private landowners with a common goal to increase public access to airstrips, to promote tourism and economic development, while conserving the environment." [NMPA Newsletter, May 2022, by Joyce Woods]

NMAN's work was initially to revitalize backcountry airports for both recreational activities and for use by BLM and the Forest Service. With NMPA's success on that front, other interests have come into focus. NMAN now

(Continued on page 13)

Other Organizations & Online Resources (continued)

George Young, editor

(Continued from page 12)

includes “Fly New Mexico”, the state’s tourism development department; New Mexico Council of Governments (NMCOG) representing county, town, and city governments; and new Mexico Economic Development Department. And thus their goals have broadened to promote general aviation in the state, to attract the flying public to the state, and to improve the aviation environment for us all.

We can help by supporting airports throughout the state; they need it if they are to remain viable, to be there when we might need them. And they can be an asset to their community. May I point you to an article in the May issue of [NMPA’s](#) Newsletter: “[Save Your Local Airport](#)” (downloads a .pdf file).

Safer Skies (FAA Safety Team)

The FAA Safety Team offers some great topics for their online seminars (and you can get WINGS credits for many of them). Here are a couple coming this month:

[Preflight Weather Self-Brief—Basic](#), May 16 (WINGS Credit)

Aviation eBrief – Pilot Workshops – Pilot’s Tip of the Week

A truly valuable resource, covering so many scenarios that sooner or later each of us will encounter, one or another of them. ‘Tis a eMail subscription; you may subscribe here: [Free Pilot’s Tip of the Week](#). Recent Tips:

[Staying Ahead of the Airplane](#)

AVweb News Flash

In addition to News, many of the issues include discussion of techniques for safe flying; you may subscribe here: [AVWeb Flash](#). Here’s a recent one:

[Preventing takeoff Emergencies](#)

EAA Webinars

Check out the schedule here: [EAA Webinars](#)

AOPA Webinars

Here’s a selection of Webinars that are relevant for me; I haven’t flown in nearly 3 years.

[Get Back in the Left Seat](#) (Rusty Pilots)

Many who read this Newsletter are already familiar with many of these. In hopes that there are ‘newcomers’ to this world of aviation who will also be reading our Newsletter, I plan to synopsise them in coming issues. The comments are solely my own, sometimes more informed than at other times. I welcome comments from anyone such as why one or another appeals (or doesn’t appeal) to you, how you use them for your ‘education’ or to get updated information, or otherwise. I will publish updates as you provide more information or insight into them.

NM Aviation and Other Organizations and Resources Of Interest

The Editor

There are many organizations serving aviation interests in New Mexico. These include EAA Chapters and other such organizations, but also government agencies and commercial enterprises. I will be presenting synopses of some of these resources, what is interesting about them or how they can enhance our flying experiences.

This is a starter list of organizations that I have tracked down. If you know of others or have corrections or updates, please send me eMail at newsletter@eaa179.org. And if you use any of these regularly, please consider providing a synopsis and review. Thanks.

NM EAA Chapters

- [251, Alamogordo, KALM \(& Facebook\)](#)
- [1306, Edgewood/Sandia Airpark, 1N1](#)
- [555, Las Cruces, KLRU \(Triple Nickel Chapter\) \(& Facebook\)](#)
- [691, Los Alamos, KLAM & KSAF \(Green Chile Chapter\)](#)
- [530, Los Lunas/Mid Valley, E98](#)
- [1193, Roswell, ROW \(Aliens Chapter\)](#)
- [1570 Santa Teresa, DNA](#)
- [1615, Truth or Consequences, TCS](#)

New Mexico Organizations

- [New Mexico Aviation Division](#)
- [New Mexico Pilots Association \(NMPA\) \(& Facebook\)](#)
- [Fly New Mexico! Facebook Group](#) - started by David Otero. Ask to Join!
- [New Mexico Airstrip Network \(NMAN\)](#)
- [Lobo Wing of the CAF \(& Facebook\)](#)
- [Rio Grande Norte 99s Facebook Group](#) (Ask to Join!)
- [Tuskegee Airmen \(local chapter\) \(& Facebook\)](#)
- [Albuquerque Soaring Club \(& Facebook\)](#)
- [Women in Aviation Intl - Land of Enchantment Chapter \(& Facebook\)](#)

National and Other State Organizations of Interest

- [Experimental Aircraft Association \(EAA\) \(& Facebook\)](#)
- [Aircraft Owners and Pilots Association \(AOPA\) \(& Facebook\)](#)
- [Recreational Aviation Foundation \(RAF\) \(& Facebook\)](#)
- [Ninety-Nines \(& Facebook\)](#)
- [Angel Flight](#)
- [LightHawk \(& Facebook\)](#)
- [Arizona Pilot Association \(& Facebook\)](#)
- [Colorado Pilots Association \(& Facebook\)](#)

Online Resources

- [FAASafety.gov](#)
- [Kitplanes \(eMail subscription\)](#)
- [Pilots Workshop \(& eMail subscription\)](#)
- [Social Flight & eMail subscription](#)
- [AVweb – AVWeb Flash](#)
- [AOPA News & Media – AOPA Newsletters](#)
- [Barnstormers – Barnstormers eFlyer](#)
- [GA News Digital Edition](#)
- [On Facebook](#)
 - [The Aviator's Lounge](#)
 - [Fly New Mexico](#)

EAA Resources

- [Hints for Homebuilders](#)
- [Learn to Fly!](#)
- [Pilot Proficiency](#)
- [Become a Young Eagle Volunteer!](#)
- [AirVenture—Oshkosh](#)

eMail Resources (Subscriptions)

- [FAA Safety Team](#) – Safer Skies Through Education
Log in to your account, then go to Account Preferences.
- [AOPA ePilot](#)
- [AOPA Aviation eBrief](#)
- [AVwebflash](#)

Cultural Web Sites

- [National Museum of Nuclear Science & History](#)
- [US Southwest Soaring Museum \(& Facebook\)](#)
- [Spaceport America](#)
- [National Aviation Hall of Fame \(nee Air Force Museum\)](#)
- [National Air and Space Museum](#)
- [*New* The Wheels Museum](#)

In the News and Other Interesting Topics

The Editor

Interesting Watching or Reading

Like maybe only a few folks, I follow a number of topics on Facebook. And from a couple of groups, I come across interesting stories or videos—follow the links in the list below.

- Neat video of a [U-2 landing](#) (takes tailwheel landings to another level).
- [SR-71 Blackbird Cockpit Tour](#)
 - A quote from Paul F. Crickmore, an SR-71 test pilot:
“You’ve never been lost until you’ve been lost at Mach 3.”
 - And a sign over SR-71 Wing Ops:
“Yea, Though I Fly Through the Valley of the Shadow of Death,
I shall Fear No Evil, for I am at 80,000 feet and Climbing.”
- [The Story of the XB-52 and YB-52](#)
- [The Story of the Douglas DC-5](#)
- [Air to Air Combat](#), anyone?
- Flying Around New Mexico (videos)
 - [Mystic Bluffs Parade of Planes](#) (2021)
 - [Fly-in and Breakfast at Mystic Bluffs](#) (2020)
- And of course, Jeff Gilkey: [NMPBS !COLORES!: Ultralight Pilot Jeff Gilkey](#)

Some Safety Resources

- [Preventing Takeoff Emergencies](#)
- [Takeoff and Landing Distances](#)

Do you have any online resources to share with our Members? If so, send me the link and I will include them in a future edition of the Newsletter. Send to newsletter@eaa179.org.

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Special thanks to Bode Aviation for their continuing support for our many activities at Double Eagle II.

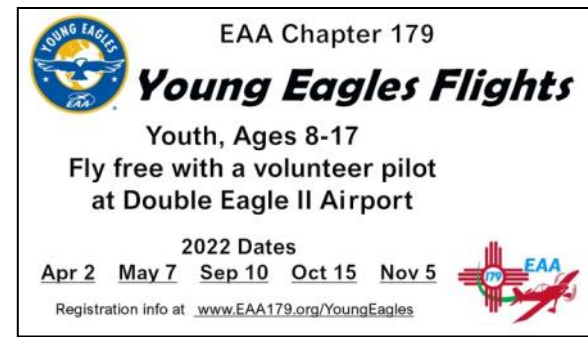
For information on Sponsoring EAA Chapter 179, visit <https://eaa179.org/sponsor>.

Here comes 2022.

- Here is this year's poster for LOEFI. We will print tabloid size copies for dissemination this summer. Download your copy by clicking on the image below; it will download in your browser..
- Double-sided business cards, LOEFI and Young Eagles, are available in the desk in the Chapter Hangar. Pick up a few to pass along to prospective YE participants.



Front Side



Back Side

