







2022 Leadership

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Vice President John Brown

Secretary: Joyce Woods

Treasurer: John DeWitt

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Double Eagle Aviation Academy (DEAA) Jim Kessler

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Upcoming Events & Chapter Gatherings

Apr 13 – LOEFI Planning Meeting (ZOOM)

Apr 18 – Monthly Gathering (KAEG)

May 2 - Board Meeting (ZOOM)

May 6 - Young Eagles (KAEG)

May 13 - Flying Start & Eagle Flight (KAEG)

May 15-19 - EAA Learn to Fly Week

... and check the list of Upcoming Fly-in Events on page 15

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Notes from our President

Jim Kessler



Jim joining the thrill, presenting a Chapter Scholarship

The wind is blowing, so it must be April. Just a reminder, don't get caught out there in the wind. It can look beautiful in the morning when you take off and be an absolute terror just a couple hours later. Make sure you check the predicted weather before you take off. We can get a little complacent because the weather here in New Mexico is beautiful most of the time. It may look nice, but a 15 or 20-knot crosswind can take the fun out of a landing. Keep an eye on the winds.

We had a wonderful Gathering this month. Mark Sturm gave out the scholarships. We definitely had a full house. It was catered by Rudy's Bar-B-Q, which also seemed to be a success. I won't go over all the scholarships here, but seven were given out. Mark introduced each scholarship winner and gave us a bit about them. All are excited to get started on their flight training.

On March 31st we helped Double Eagle host a Career Day for the 58th Special Operations Wing from Kirtland AFB. They brought over a CV-22B Osprey. Explosive Ordnance Disposal was there showing off their equipment as well as several other organizations. We had an estimated 80 or 90 high school students tour each of the displays that were set up. EAA Chapter 179 had 2 simulators available at our station as well as flyers and a presentation on Double Eagle Aviation Academy done by Isabella Baldo-

nado. Isabella attended last year's DEAA. Business cards were also available: Young Eagles schedule on one side, the Land of Enchantment poster on the other. Our station was very popular. The day was windy and cold, but our station was in the hangar where it was relatively warm. Michael Tolle and I manned the simulators to help keep things moving. Thanks to Joyce Woods and George Young for their help that day.

We had a very well attended Young Eagles Rally on April 1st, no fooling. Thirteen pilots flew approximately 75 Young Eagles. We kept the runways and taxiways busy for 2 hours. The KAEG Air traffic Controllers had their hands full. This was Dan Fuka's last Young Eagles rally for a while as coordinator so I'd like to thank him for the great job he has done. I also want to thank Michael Tolle for stepping up to take his place. Michael was there to see the organization that Dan has implemented. I think the Chapter can expect a smooth transition judging from my time with Michael. Our next Young Eagles Rally is May 6th.

Don't forget the potluck on April 18th at the city maintenance facility at Double Eagle Airport. Eating starts at 5:30, and the presentation starts at 6:15 PM. I hope to see you there.

Thanks to all for making March another successful month.

Respectfully, Jim Kessler

> Jim Kessler, President EAA Chapter 179 chapter@eaa179.org

Recurring Events

Chapter Gatherings

3rd Tuesdays at Double Eagle II (KAEG)

At KAEG, spring and fall, - comfortable weather months

At a restaurant, see Newsletter for [hot] summer and [cold] winter locations

In March-Scholarships & in December-Holiday Gathering

Chapter Board Meetings

Normally the First Tuesday of Odd Months via ZOOM

IMC Club

Third Saturdays at Double Eagle II (KAEG) and via ZOOM

SPECIAL NOTICE

A Change to Airport Access is in the Offing

<u>Watch your eMail</u> for a message to all Members; you should have received it by the time you read this. The topic: conversion of the ramp entrance gates at KAEG to <u>card access only</u>. The eMail provides details on how to get your card. If you don't receive it, let us know by contacting Jim Kessler or Art or Joyce Woods, or send eMail to <u>chapter@eaa179.org</u>.

Notes from the Editor – George Young

As you will read elsewhere, planning is seriously underway for our two big annual events, the <u>Double Eagle Aviation Academy (DEAA)</u> and the <u>Land of Enchantment Fly-In (LOEFI)</u> (follow the links for details).

- As a matter of interest (or curiosity), I invite you to check out the
 <u>Newsletters</u> to see what we've done in recent years, and maybe that
 will peak your interest to come forward to volunteer this year (for DE AA, check the <u>June</u> & <u>July</u> Newsletters, for LOEFI check the <u>October</u>
 Newsletters).
- We have business-card size handouts (double-sided, see images below); get some for yourself from the RAF (a box on the desk).
- Also, you will find the posters for this year's events on <u>page 21</u>; we will print LOEFI posters in a couple of months, but if you have locations you might post a notice, print these and pass them around.

A note about our presence on FaceBook - we now have two "spaces":

- The original, <u>Experimental Aircraft Association Chapter 179</u>, where we publish announcements and items of interest to the public. This has been online for a long time (longer than I've been a Member) and has over 800 followers. We could take better advantage by publishing more posts: send me your ideas (or better yet, volunteer to add posts about Chapter activities of interest to the public).
- A new group, <u>EAA Chapter 179 New Mexico</u> space. Please see the SPECIAL NOTE below for more information. The purpose of this FaceBook space is to offer an easy way for those who join to easily exchange information.



On a personal note: I'm now checked out in N179Q, the RV-12 that the Chapter and the High Desert Flyers Association built, and I have had a couple of solo outings. Everyone who has flown it describes it as a very easy airplane to fly. I too found it so. I hadn't flown in 3 or 4 years. In my 5 flights things went so smoothly that I was amazed by my "muscle memory" - applying rudder at the right time and amount going into steep turns, landing, etc. Upon reflecting on the accolades for the airplane, and thinking maybe I'm showing too much hubris, I came to the conclusion that ... the RV-12 deserves a lot of credit. Happy Flying!



George Young Newsletter Editor/WebMaster/eMail Clerk newsletter@eaa179.org

Youth, Ages 8-17 Fly with a volunteer EAA pilot at Double Eagle II Airport 2023 Dates
Feb 4, Mar 4, Apr 1, May 6, Sep 9, Oct 14, Nov 4

Details at eaa179.org/YoungEagles

Membership

Art Woods, Membership Chair

MEMBERSHIP RENEWAL TIME

Thanks to those who have already renewed your 2023 membership!! Your commitment to our programs to reach youth and the general public is very much appreciated.

We've made it easy to join as a new member, or renew your 2023 membership, with online payment via credit card, debit card or PayPal. Just go to: https://eaa179.org/membership/.

Dues are \$20 for an individual member and only \$30 for a family (spouse and children under 18). If you would rather send a check, make it payable to "EAA Chapter 179" and mail to:

EAA Chapter 179 7401 Atrisco Vista Blvd NW #179 Albuquerque, NM 87120- 6601

You'll receive an e-mail confirmation, assuming I have your email address!

Don't hesitate to email me if you have questions about your membership status, if any personal information has changed, or if you need help with the website payment process.

If you joined our Chapter late last year, you are already paid up through the end of 2023.

Art Woods membership@eaa179.org

SPECIAL NOTE: New Group on Facebook—EAA Chapter 179 Lance Hunter, Chapter Publicity

We have created a <u>Facebook Group</u> for Albuquerque's EAA chapter 179. This group was created to provide its members with an interactive way to keep up with current events and activities conducted by the EAA179.

- Group members can ask questions and get answers in real time.
- We encourage all EAA179 members to join
- We encourage all Young Eagles and their parents or guardians to join
- Any member of the group can post pictures of their flights or ground activities

Please go to https://www.facebook.com/groups/www.eaa179.org and request to join our new Facebook Group.

April Chapter Gathering Preview – April 18, 2023 Joyce Woods



Tuesday, April 18, 2023

5:30 PM Potluck Dinner

6:15 PM Intro & Program

Program: 55 Year Adventure with a Stinson Tri-Motor, by Doug Lutz

We've hosted the Ford Tri-Motors. **Did you know there is a Stinson Tri-Motor**, **and it is back flying?** Come hear the amazing and lucky rescue story.

Doug Lutz will share history of this aircraft, including his first hand experience, helping to save this unique and beautiful 1934 aircraft, along with fellow firefighters in Alaska. You may have met Doug at LOEFI as he often participates in our fly



-in, representing the ABQ Sunport.

Monthly 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,

next to the Control Tower. 7401A Atrisco Vista Blvd NW;

Albuquerque

Directions: Take I-40 or Paseo del Norte westbound to Atrisco Vista

Blvd and follow airport signs.

Once on the Airport road, there is a stop sign before turning left to the main airport parking lot, DON'T TURN LEFT.

Proceed straight through the gate towards the Control Tower. Park in front of the 1st building on the left, marked 7401A. We'll be in the south maintenance bay. *Look for EAA signs.*

Joyce Woods Secretary, EAA Chapter 179 <u>chapter@eaa179.org</u>

March Chapter Gathering - RECAP The Editor

The March Gathering is special – presentation of Scholarships. There was a good turnout of Members as well as family and friends of the recipients.



We did something different for the traditional meal: people enjoyed barbecue and fixings from Rudy's Bar-B-Q. The meal was served in the usual place, the equipment bay of the city's Maintenance Facility. It –was March–, and the weather was typically March, windy and chilly (some would say cold).

Because of the cold, we moved to the small conference room for the meeting and presentation of the Scholarships. Mark Sturm, our Scholarship Coordinator, gave a brief introduction for each of the recipients with our President Jim Kessler presenting the Certificate of Award to each of them. See the full report on page 8 of this Newsletter.







A full house for EAA Chapter 179's Annual Scholarship Presentations

Notes from April Board Meeting, 4/4/23 Joyce Woods

Here's a summary of the latest action by your Chapter Board:

Program Coordination: in the absence of a volunteer to take on the role of planning and organizing our gatherings, the Board decided to divide it up. There will be a sign up sheet at our next monthly gathering for the rest of the year. *Maybe you can help?* Each month, we need someone to:

- a) arrange for speaker, write newsletter announcement, setup AV
- b) Select location, communicate for newsletter, setup for meal and gathering
- c) Write "recap" newsletter article (anyone attending could do this)

We also would like to get more members to present. Our membership represents a wealth of aviation experience—we'd like to hear from you! If you are interested, please let any Board member know.

Nov/Dec meeting dates will not be 3rd Tuesday but rather Saturday morning Nov 11 (likely an aircraft build) and our holiday party on December 12.

LOEFI: Mike Paxson is 2023 LOEFI Chair and has called the initial planning meeting via Zoom on Thursday, April 13 at 6:30pm. Watch email to members for the Zoom link. The Board authorized purchase of a pedal plane kit which Mike has volunteered to build, after a successful 2022 raffle.

Young Eagles: See the Young Eagles Nest update. Michael Tolle has stepped up as YE Coordinator after learning from Dan Fuka's workflow in April. A detailed procedural document has been and a pilot checklist created. A good meeting was held for Young Eagles pilots.

Simulator: Jim Kessler (with generosity and help from his sons) has upgraded the flight SIM which along with one donated by Mike Paxson, were used to engage the JROTC youth participating in the Air Force Day at DEII on March 31.

Outreach Coordinator Needed: We'd still like to identify someone to coordinate youth outreach events such as the Air Force Day and Career Day at John Adams Middle School. It entails setting up a display, talking about aviation careers, learning to fly, Young Eagles and DEAA, and conducting some interactive activity such as rocket launch, FlightSims, radio practice, etc. Could be anything.

Membership: Renewals are still slow coming in. After considerable discussion, it was decided to create an option to pay ahead for multiple years. It was also noted that members who have not renewed by April 1 are no longer current, per our bylaws.

Flying Start: May 13, 2023; 0800 – 1100 with a pizza to follow. Starts at our chapter hangar (RAF). Eagle Flights will follow.

Next Board Meeting will be 6:30pm, Tuesday May 2, via Zoom. Any members welcome. Contact us at chapter@eaa179.org for the link.

Joyce Woods Secretary, EAA Chapter 179 <u>chapter@eaa179.org</u>

Double Eagle II Airport Tenants & Users MeetingJoyce Woods

When: Saturday, April 15, 2023 at 1:00PM

What: Double Eagle II Tenants and Users Meeting

Led by Brian Boyd, Deputy Director, ABQ /AEG Operations

Where: City Maintenance Facility (Bldg 7401A, by the tower)

Anyone welcome.

Learn about airport plans and updates. Bring your questions!

We Continue to Look for a Chapter Project Lee Otto

Here is a picture of our latest chapter project after it's first flight with some of the building crew celebrating.



Now that we've finished this Vans RV-12, we're looking for our next building or restoration project.

Do you know of someone who as an EAB project who just can't find the time to finish? Or a project that is "hiding" in someone's barn?

Contact Lee Otto: N326JL@gmail.com

Answers to Emilio's Quiz on page 16 1 - b, 2 - d, 3 - a, 4 - c, 5 - a, 6 - d

April IMC Club Meeting

Barry Harper, John DeWitt, IMC Club Coordinators



Sharpen your Instrument Flying Skills!

The chapter IMC Club meets the 3rd Saturday of each month at Double Eagle II Airport, still a <u>hybrid session</u> (in person or remote). Anyone welcome!

NEXT MEETING: Saturday, April 15, 9:30—11:00 AM

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.

- Participate in-person at Double Eagle II Airport in the Bode Aviation conference room, 2nd floor, next to the café. Optional: meet others at the café prior for breakfast or after for lunch.
- OR Join Remotely via ZOOM:

Register in advance for Zoom access info here:

https://us06web.zoom.us/meeting/register/tZMld-yvrTogHdBLrOk51JScZeuEg93G0iG9

You will receive a confirmation email with the meeting Zoom link.

If you'd like FAA Safety WINGS credit, please register through the WINGS announcement as follows, or sign in-person at the meeting.

- Visit the FAAST Seminars & Webinars page for Events at KAEG.
- Scroll to the bottom and select the IMC Club Meeting.
- Follow "Registration Info" instructions

See you there!

Barry Harper & John DeWitt IMC Club Coordinators, EAA 179 imcclub@eaa179.org



Young Eagle Pilots Fly 30 to celebrate this 30th!

See recognition details at: EAA Young Eagles 30th Anniversary

Number of YEs flown as of today: https://www.eaa.org/eaa/youth/free-ye-flights

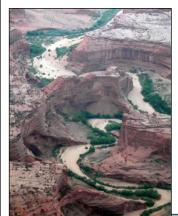
Retiring from the KAEG Tower Joyce Woods

Tim Baribeau, KAEG tower controller, retired at end of March. He worked most of our Young Eagles events for many years with great patience and professionalism. Thanks Tim for your service! Congrats on your long awaited retirement!

Members of EAA 179



YOUR PHOTOS HERE



The Southwest, and New Mexico in particular, is in my view, the most scenic part of the US. That's true on the ground, and even more spectacular from the air. I invite you to send your photos to newsletter@eaa179.org. Include a bit of information about your experience when taking the photo such as location, the flight, time of day, and ???. Let's tell a story.

Here are a couple of mine from of the Little Colorado and Monument Valley taken during our A -Cross-the Country flight a few years ago.



Flying Start Event—May 13, 2023

Joyce Woods



Know an adult who wants to LEARN TO FLY?

EAA's Flying Start program is for adults who have always wanted to learn to fly. It's a chance to kick-start their journey to become a pilot.

The program starts at 8AM in the chapter (RAF) hangar with an introductory presentation to explore various flight training goals and options. Following the session (at 0930), volunteer pilots provide a FREE introductory Eagle Flight, weather permitting.

If you know someone who would be interested, please encourage them to REG-ISTER as soon as possible.

Registration is required, participation is limited.Use the QR code above or this **REGISTRATION LINK**

VOLUNTEER PILOTS—we need you!

Flights start at 9:30am. We aim for a 1:1 Eagle Flight experience for *Flying Start* participants and encourage follow up mentoring. Session size is limited so our goal is for most pilots to fly just one flight.

Active Young Eagles Pilots will receive a request to help. Any EAA member is welcome to participate—no Youth Protection training required. See <u>Eagle Mentor Pilot Requirements</u>

If you have questions or can volunteer in the air or on the ground, please contact Joyce Woods at chapter@eaa179.org.

Joyce Woods chapter@eaa179.org

EAA LEARN TO FLY WEEK

Joyce Woods



Presented by sporty's

Whether or not you participate in the local "Flying Start" program, this FREE six-day event is available to support one's journey to learn to fly.

Join EAA May 15 - 19 for the inaugural EAA Learn to Fly Week!

Expert flight instructors and representatives from aviation organizations will present free and interactive webinars to help jumpstart your flight training journey.

Topics covered include: how to get started in flight training, tips for saving time and money in flight training, preparing for the FAA written exam, examiner tips for passing the check ride, and much more!

These online seminars plus the Flying Start event are intended to welcome, encourage, and educate aspiring pilots to a flight training pathway.

Find the full online schedule and sign up for one or more sessions at this link:

EAA Learn to Fly Week | May 15-19, 2023 Experimental Aircraft Association

See EAA's full announcement on page 17

Scholarship Update

Mark Sturm - Scholarship Coordinator



Greetings chapter members and friends.

March is by far the busiest month of the year for the scholarship team. On 21 March, at our monthly gathering at Double Eagle airport, we announced our Chapter's 2023 scholarship winners. It was a great night that began with a catered meal (Rudy's BBQ) and ended with the membership getting the opportunity to meet our new scholars and their families. We also got to hear a bit about their aviation experiences, interests, and future plans and goals. All were able to attend except Benjamin; he is out of the state enrolled in an aviation program. If you were unable to at-

tend, here is a brief summary of these eight impressive young people. It will be fun following them along their new adventures – stay tuned.

Mark Sturm

EAA 179 Scholarship Coordinator scholarships@eaa179.org

The Advanced Air Academy Scholarship Winners



William Reese - Air Academy

- Sophomore at Albuquerque Academy
- 4.0 GPA
- Has taken two Young Eagle flights
- Loves all things aviation (flying, navigation, radios, maintenance)
- A graduate of our Double Eagle Aviation Academy (DEAA) last summer
- Is taking Sporty's LEARN-TO-FLY course
- Becoming very proficient with Microsoft Flight Simulator 2020
- Looking forward to being able to give Young Eagle rides himself
- Can't wait to experience Air Venture and the Advanced Air Academy
- Goal: to become a commercial airline pilot



Mia Alderete – Air Academy

- Dreamed of becoming a pilot most all her life
- A senior taking online courses with a 3.95 GPA
- Parents are both Flight Attendants with Southwest Airlines
- 2022 Ray Scholar and flying at Bode
- Almost ready to solo and studying to take the FAA written exam
- Had a memorable Young Eagles flight with Joyce.
- · A regular volunteer with 179 (LOEFI, Young Eagles, meetings)
- Air Academy will expand my aviation knowledge & meet similar people
- · Goal: to fly for Southwest Airlines

(Continued on page 9)

EAA Advanced Air Academy Scholarships

Mark Sturm – Scholarship Coordinator

EAA Chapter 179 offers scholarships to attend the EAA Advanced Air Academy held **July 18 – 26**, **2023 in Oshkosh, Wisconsin**. Academy Details at EAA.org

Our \$1650 scholarship covers full tuition, room and board. Recipients must pay for transportation to and from Oshkosh or apply for a campership through EAA to help cover it.



EAA Air Academy Lodge

This year two scholarships have been awarded: Mia Alderete and William Reese.

Scholarship Funding Relies on Generous Donors

Chapter scholarships are funded by a combination of donations and from funds from activities throughout the year.

Like what you see? Want to Contribute?

We appreciate donations of any amount to our main scholarship fund, the *Reimer Scholarship* Fund, the *Bob Hartman Memorial Scholarship*, or *Jay Schmitt Memorial Scholarship*.













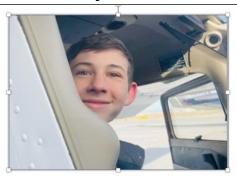
Chapter 179 is a 501c(3) tax exempt charitable organization. Donate online or send us a check.

Scholarship Update (continued)

Mark Sturm - Scholarship Coordinator

(Continued from page 8)

The 2023 Jay Schmitt Scholarship Winners



Michael Wang

- A sophomore at Chesterson Academy
- · Has participated in our Young Eagle program
- Has dreamed of becoming a professional pilot
- · Wants to fly for the military (Navy or Air Force)
- An active member of the Civil Air Patrol
- Would like to work with 10 Tanker
- Wants to give back by flying Kids & pets (Paws & Pilots)
- Plans to start flying with Del Sol (nearest his home)



Isabella Baldonado

- A home school freshman
- Graduated Double Eagle Aviation Academy last summer
- Have flown on several Young Eagles flights
- · Very interested in glider training at Moriarty
- Goal #1: join Angel Wings and give rides to young people
- Goal #2: Fly for the Navy

The R.C. "Doc" Weaver Memorial Scholarship Winner



Christian Guerra

- Junior at Cleveland High School
- 3.8 GPA
- · Graduated from Double Eagle Aviation Academy last summer
- Has two Young Eagle flights with Chapter 179
- · Currently taking Sporty's ground school course
- Eager to someday give the gift of flight as a Young Eagles pilot
- Goal #1: Attend the U.S. Air Force Academy
- Goal #2: Find a career in this wonderful world of aviation

(Continued on page 10)

Scholarship Alumni

The Editor

Many of our Scholarship winners have remained in the Chapter Family. We recently had the wonderful opportunity to get caught up with Luke Vaughn, recipient of the 2021 Ray Scholar. He became a Cadet at the United States Air Force Academy last fall and was home on spring break with his fellow cadet Sabrina Basso.

Joined by Mark, Emilio, Joyce, and Ashlee Simkins (2022 Scholar), we enjoyed hearing about Luke's and Sabrina's first year as Doolies at USAFA. I enjoyed in particular, hearing about the life for a member of the class of 2026, and how different things are there now. (For example, we –did not–get a spring break, or a Christmas break for that matter. Oh well, old guy reminiscing.)



P.S.: From Luke via Mark in response to a question "... (has) spring arrived yet (at USAFA)?":

Luke: "I had my first glider flight on Monday which was super cool? Spring isn't quite ready yet; we moved to short-sleeved blues instead of the long-sleeved uniform and .. The next day was below freezing with about 24 hours of blowing snow."

>> Oh, yeah, I remember that! (George)

Photos by Mark, Emilio, Art, Lance, Pat, and the Editor

Scholarship Update (continued)

Mark Sturm - Scholarship Coordinator

(Continued from page 9)

The Reimer Memorial Scholarship Winners



Sophia McIntyre

- Junior at SAMS Academy
- 4.0 GPA
- Interested in ALL things aviation
- Goal #1: Get my Private Pilot's Certificate at AEG
- Goal #2: Become a commercial airline pilot
- Has taken a total of (how many?) Young Eagles flights
- Attended our Double Eagle Aviation Academy ... twice!
- Teenager willing to get up early on the weekend to go fly



Benjamin DeGuio

- UNM graduate BS in Mechanical Engineering and Economics
- Parents work for Southwest, Grandpa & sister worked for TWA
- First flight experience was on a Young Eagles flight
- · Got his Private Pilot Certificate at Del Sol
- · ASEL, AMEL, Instrument. Working on CFI and CFII
- · Goal: Have a career as a commercial pilot

The Luke Vaughn Scholarship Winner



Daisy Belmares-Ortega

- · Senior at University of New Mexico
- 3.74 GPA
- Majoring in mechanical engineering, minor in Math & Chemistry
- Goal of graduate school in Aeronautical Engineering
- Graduated high school with a Licensed Practical Nurse Certification
- · Member of the NM Chapter of Women in Aviation
- Flying with Bode working toward solo
- A member of Chapter 179
- · Taking Sporty's ground school
- Full of energy and eager to learn

Award Night Snapshots The Editor



Members present to honor the recipients.



The EmCee, Mark Sturm, reading the presentations.



The Recipients!!

From the Young Eagles Nest

Dan Fuka, YE Coordinator



It was a nearly perfect event, with 70 YEs showing up and flown out of 90 registered Young Eagles by 14 pilots. We did not push for more YEs as we would have required 4.5 flights for all of the pre-committed pilots, which would have put us into risky weather time of day. Pilots, on average, like to remain at about 3 flights, which made this event a near perfectly happy event for all everyone. We were lighter on first-timers at 1/3, and 1/3 were female Young Eagles.

SAMS donated their plane HK as a static display for the SAMS volunteers to educate YEs and their parents waiting on their flights. Alex, George, and Daniel will continue coordinating more educational content for the YE events as our new fearless leader Michael

takes the reigns of coordinating the events in the future.

A note of recognition:

Dr Lauren Chavez, Aeronautics Director at SAMS Academy, has been a strong supporter and avid spokesperson for Chapter 179 and in particular our Young Eaales events. Her students aet their first opportunity to fly as a Young Eagle. She frequently recognizes our YE program in her posts from SAMS Aviation Academy as she recognizes accomplishments of here students passing flight exams, first solos, and receive their PPLs. There you will see many of our Young Eagles and .. Scholarship winners.

Thank you Dr Chavez.

Oh, and she brought SAMS C-172 to the recent Young Eagles event for parents and kids to 'touch and feel'.







Air Force Career Day at Double Eagle The Editor

Double Eagle hosted an Air Force Career Day on April 31.

About 150 JROTC students from 3 Albuquerque High Schools attended, visiting tables set up by various Air Force and related organizations. The 58th Special Operations Wing from Kirtland AFB flew in a V-22 Osprey for the students to explore. Other exhibits included

Chapter 179 was invited to join, and in fact the exhibitors set up in the RAF, in part to get out of the cloud wind.

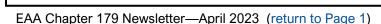
We had a table set up with a running slide show about Chapter activities and a poster about DEAA. As groups of students came by, we told them about Chapter activities (DEAA, Young Eagles, LOEFI) and handed out information sheet and business cards with dates and where to go for more information. Thanks to one of our Scholarship winners and strong supporters, Isabella Boldanado, for telling the JROTC Cadets first hand about DEAA.



 A hit for the students were the two simulator stations set up by Jim Kessler and Mike Tolle. They were busy throughout the event, with a student in the seat and many more looking over their shoulders.

This was a great event to introduce the students to the Air Force and career opportunities, but for the Chapter to add our story – DEAA, Young Eagles, and Chapter activities. A hearty thank you to the 58th SOW for inviting us to join.





Double Eagle Aviation Academy (DEAA)

Jim Kessler



Double Eagle Aviation Academy 2023 is preparing for another group of 24 young aviation enthusiasts between the ages of 14 and 17. The class starts June 5th and goes until June 10th when we will have a special Young Eagles Rally for the students. We have a full schedule for the week with classes covering the following topics:

Aviation Weather
Compass Heading
Commercial Pilot Career
Simulator Training
Aerodynamics
Instruments
Navigation - Dead Reckoning
Engineering Careers

Navigation - Flight Plan/NavLog Maintenance Careers Engines Avionics Weight & Balance Communications Aircraft Construction

Here is a summary of activities for the week:

- Every morning we have pilots displaying their aircraft and talking about their flying experience.
- We have 4 simulators to use during the week. On Thursday the students 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.
- On Friday afternoon June 9th, we have a reception, during which the students receive their certificates. All are invited to attend.
- The students can participate in a special Young Eagles Rally on Saturday, June 10th. They will have planned the navigation route and are encouraged to fly the route they planned. This is the culmination of the week.

We will put the binders together on May 25th in the City Maintenance Facility starting at 10:00 am. It takes about 2 hours to complete all the binders.

Set up day is June 1st. We will meet at the City Maintenance Facility underneath the Tower at Double Eagle at 9:30 am. **We need help on this day.**

If you have an airplane you would like to show the students on one of the mornings, please contact Joyce Woods.

We will begin teardown on June 9th in the afternoon. Final teardown will be on Monday June 12th at 10:00 AM.

Jim Kessler jhkfour@gmail.com (910)467-2162

See the DEAA Poster on page 21

LOEFI 2023

Mike Paxson, LOEFI Coordinator



Hello fellow Chapter 179 members,

I am thrilled to be part of the Land of Enchantment Fly-In this year. While it has been some time since I have been able to devote

time to this wonderful EAA Chapter, I am excited to step into the role of LOEFI Chair. I had the privilege to act in this role in 2019 and look forward to doing it again.

In case you did not know, LOEFI is scheduled for September 23, 2023. While this is still some time away, it will be here before we know it. We have plenty of planning to start for this event, as many of you know. However, I am certain with such a great group of volunteers that we will make this event one of the best yet.

Our first planning meeting is planned for April 13th on Zoom to start divvying out volunteer roles. If you have participated in the past, I invite you back! And if you have not volunteered before, this is a great opportunity to help with our biggest event of the year. I look forward to working with all of you again. If you have any questions about LOEFI or are interested in volunteering in a role, feel free to reach out to me.

Mike Paxson 2023 LOEFI Chair loefi@EAA179.org

See the LOEFI Poster on page 21



Light Sport Repairman Workshop in Albuquerque

Art Woods

Hello Chapter 179 Members,

Thanks to hard work of Chapter 179 members, a flying club is actively flying an RV12, based in Albuquerque. The club finished the engine and avionics and received the E-LSA certification. Several flying club members are interested in getting their certification for the light sport repairman certificate as owners. We asked Rainbow if they might be interested in coming to Albuquerque and they said YES.

Rainbow will publish the dates to the public on April 10 – so we kind of have first rights to fill the class with New Mexico aviators. There are only 16 seats available so reserve your seat early if you would like to take advantage of this opportunity. See sign up info below.

Repairman (LSA) Inspection Airplane Workshop September 16 - 17, 2023; 8am-5pm

This is the 16-hour class for all light sport airplanes and allows someone who completes the course to be able to sign off on condition inspections for their LSA. There is also a 5-day course that enables someone to be an A&P equivalent and sign-off on non-owned LSA's. This isn't that class!!!

Please email or call me if you have any questions.

Art Woods Rv7@flylonecone.com 505.974.5301 EAA 179



Light Sport Repairman Inspection Workshop, Hosted by EAA 179

Rainbow Aviation will hold its FAA-accepted, Light Sport Repairman workshop (fixed-wing & weight-shift) at Double Eagle Airport September 16 -17, 2023, from 8 am to 5 pm both days.

Pre-registration for the two day course, which cost \$485, is available to EAA Chapter 179 members and friends. Registration will open to the aviation public on April 10th.

Attendees who successfully complete the class will be able to perform the annual inspection light-sport aircraft they own now or purchase in the future. There is no requirement for currency and no recurrent training. Once you are a repairman, you have the certificate for life.

For more information: https://rainbowaviation.com/?page_id=3997
To reserve a seat in this workshop email the following information to: car-ol@rainbowaviation.com

Name: Address:

Phone number : Email Address:

And request to reserve a seat in the Sept 16–17 workshop in Albuquerque Or <u>download and complete this registration form</u> and mail with your fees to: Rainbow Aviation Services; 1562 SW HWY 58: Kingsville, MO 64061

Fees will be due in full by July 15th.

\$485.00 is based on cash, check, money order, or ACH payment Fee is \$515 with a credit card

Repairman (LSA) Inspection Airplane Workshop Date: September 16 - 17 .2023

Time: 8am-5pm Please arrive by 7:45 am on first day

Hosted by: EAA Chapter 179

Address: Double Eagle Airport; 7401 Paseo Del Volcan NW; Albuquerque, NM

87120

Classroom at the City Maintenance Facility

Click here for interactive map Click here for airport information

--

Warm Regards,

Carol Carpenter Rainbow Aviation Services 1562 SW State Route 58 Kingsville MO 64061 530/567-5141

Upcoming Fly-In Events (hosted by others) and EAA Chapters The Editor

April 21-23 Truth or Consequences Fly-in (KTCS)

Sponsored by EAA Chapter 1615

May 6 Fly-In Breakfast (2TX0, Amarillo)

June 16-18 <u>Tucumcari Rawhide Days Fly-in</u> (KTCC)

Jul 24-30 AirVenture (KOSH)

TBD Copperstate Fly-In, Falcon Field (KFFZ)

Monthly Chapter 555 Pancake Breakfast, 3rd Sundays

Also, Check NMPA's "Upcoming Events" for updates

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2TX0 Amarillo, TX - Traffic Advisories 122.80

19th ANNUAL FLY IN BREAKFAST

Great Food, Cool Airplanes
Flour Bombing and Spot Landing Contests

Saturday, May 6TH 2023 Breakfast – 8:00 am to 10:00 am Events after 10:00 am

> Contacts: Don Johnson 806-674-1221 Joe Morris 806-236-8662

Truth or Consequences Fly-In

April 21-22-23

Weekend Fly-In

Fly in anytime on Friday and depart Sunday

Sponsored by EAA Chapter 1615 Truth or Consequences

Airport Open House: Saturday 8 - 4pm

Saturday hotdog/burger lunch provided, donations requested.

We have plenty of ramp space for those who wish to come and camp. There are great hotels in town and hot springs too! Great hiking, free shooting range. Courtesy Car available for fly-in attendees.

EAA Young Eagles Flights Saturday morning 9-11:30 am

First come, first served.

Volunteer Pilots and ground crew needed!

If you can help, contact Rose Longmire at rosel@swcp.com

Contact Greg Davis 405 706 4306 for Fly-In info.

Planning to buy a Lightspeed headset any time soon? EAA 179 can benefit!

Buy directly from Lightspeed using our custom link and **EAA Chapter 179 will receive 10%** on select sales of Lightspeed Delta Zulu, Zulu3 and Sierra headsets. The potential is unlimited—we benefit from anyone buying via our custom link.

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Lightspeed—EAA179



Quiz .. For All Pilots

Emilio Verastegui

Hello out there EAAers!

Flying weather is upon us (as soon as the Spring Winds calm down), so here are some questions (and anwsers) to peak your interest about aero-dynamics and more!

- 1 If you float when you flare, it's usually because :
 - a) You're too slow
 - b) You're too fast
 - c) You flared too early
 - d) You landed on the water!
- 2 A stall that happens at more than 1 G is:
 - a) A Normal Stall
 - b) A Power-on Stall
 - c) An Aileron Stall
 - d) An Accelarated Stall
- 3 As you enter ground effect, downwash flattens out, and the aircraft's lift vector tilts :
 - a) Forward toward the vertical
 - b) Aft toward the tail
- 4 Elevator Trim is used to hold:
 - a) Pitch Angle
 - b) Heading
 - c) Airspeed
 - d) Groundspeed
- 5 As weight decreases, stall speed:
 - a) Decreases
 - b) Increases
 - c) Stays the Same
 - d) Increases only if the OAT is above ISA
- 6 Extending Flaps $_$ lift and $_$ drag :
 - a) Decreases, decreases
 - b) Increases, decreases
 - c) Decreases, increases
 - d) Increases, increases

A further discussion of aerodynamics -

On take-off or in a climb, in a propellor driven airplane, with the engine mounted in the nose, the aircraft will move to the left of the centerline if nothing is done to counter its movement. This left turning tendency is caused by 4 forces that are acting on the airplane simultaneously. They are Torque, P-Factor, Gyroscopic Precession, and the Spiraling Slipstream. Let's take a closer look!

<u>Torque</u> is the left turning tendency created by the normal operation of the engine and propellor. Newton's Third Law of Motion states that "for every action, there is an equal and opposite reaction." As the throttle is engaged, and engine power increased, the engine torque and the right-turning propellor, as viewed from the cockpit, will cause the airplane to turn to the left. While drag and friction of the left main tire also comes into play, it is mostly due to Newton's Third Law that the airplane turns left. You will need to hold enough right rudder pressure to make it track straight down the runway!

P-Factor affects the airplane fairly dramatically and is caused by the propellor during a climb or descent. In our example here, we are talking about a climb. So what is happening? The assymetric loading of the propellor is a function of the pitch angle and the relative wind. In a climb, the descending blade on the right side of the aircraft takes a bigger "bite" of air than does the ascending blade on the left side of the aircraft. The opposite is true in a descent. So after take off, during the climb, and until you level off, you will need to hold enough right rudder pressure to make it track straight!

Gyroscopic Precession is a fancy term for an effect that happens to a spinning disk. The propellor of an airplane is acting like a spinning disk. That spinning disk wants to remain in one place in space and it strongly resists any force applied to it. If any force that is applied to the disk, such as when you pitch up for a climb, the force is felt 90 degrees to that force. In other words it will make the nose of the airplane turn to the left when you pitch the nose up. This is not hard to understand and it's effect will be revealed if you don't hold the required right rudder in the climb to make it track straight!

<u>Spiraling Slipstream</u> happens when your propellor is moving fast and the airplane is moving slow, such as in a power-on stall attempt or at the beginning of you take off. Because the propellor is spinning, it imparts a spiraling tendency to the air that it is pushing rearward, as the name implies. As the air wraps itself around the aircraft, it tends to hit the verticle tail

(Continued on page 17)

Quiz .. For All Pilots (continued)

(Continued from page 16)

from the left side. However small, this additional contribution will help to make the nose of the aircraft turn left. While some aircraft are affected more than others, it still is a factor in the left turning tendencies of all propellor driven airplanes. And, yes, there are some exceptions. but those examples are few in comparison. Those exceptions are found in aircraft where the propellor is mounted aft of the engine itself! So if you are driving a "tractor" type airplane (with the engine mounted in the nose), you will need to hold some right rudder pressure to make it track straight on take off or in a climb!

While I have flown many "tractors", I have only flown one non-tractor. Its engine was above and behind the cockpit. Occasionally, after I flared I found myself floating... Yes, it was an Lake amphibian. Strange indeed! BTW, once you transition to jets, you will not need to hold right rudder in the climb!

That's it for this month. Get out there and fly!

Emilio Verastegui Just a pilot.

Answers on page 5

EAA's "Learn to Fly Week" EAA National

To introduce adults to Aviation (much as we do for youth), EAA has established the Inaugural *Learn-to-Fly week*. Here is their announcement:

"Aspiring aviators will have the opportunity to discover multiple pathways to becoming a pilot as EAA presents its inaugural *Learn to Fly Week* on May 15-20.

Beginning May 15th, expert flight instructors and representatives from various aviation organizations will present free, interactive webinars. These webinars will cover topics from starting flight training, saving time and money in flight training, preparing for the FAA written exam, to passing the checkride, and so much more. While the live showing of these presentations will be open to the public, the recordings will be archived for EAA members to view at their convenience.

Chapter 179 will launch *Learn to Fly Week* with a *Flying Start* event on Saturday, May 13. EAA's *Flying Start* program allows EAA chapters to welcome, encourage, and educate new aviation enthusiasts about the fun, freedom, and accessibility of personal aviation in their local area. Following a short presentation about learning to fly, attendees will be offered a free introductory *Eagle Flight* to experience the spirit of aviation firsthand.

"Becoming a pilot is a dream for many, but few know where to start their journey. Learn to Fly Week was created to help encourage aspiring pilots to take action and begin the pilot training process," said David Leiting, EAA Eagles Program Manager. "Our goal is to show attendees how accessible achieving their dream actually is." Leiting also added that inspiration from this event stemmed from packed forums at the Learn to Fly Center at EAA AirVenture Oshkosh 2022, as well as the success of other EAA virtual events like Homebuilders Week and Virtual Ultralight Days.

Combining the educational forums from the Learn to Fly Center and the connections and inspiration found at *Flying Start* events, EAA *Learn to Fly Week* is the latest effort in the ongoing effort to help aspiring pilots achieve their dream of flight.

Sporty's Pilot Shop is the presenting sponsor of *Learn to Fly Week*. Sporty's will be participating in multiple webinars and offering product discounts during the week.

Full webinar schedule and more details on Learn to Fly Week can be found at EAA.org/LTFWeek.

David Leiting Jr. EAA Eagles Program Manager





In the News and Other Interesting Topics Editor

Handy Pilots Tips, Articles, and News Items that you might find interesting:

Pilot Workshops—sign up here to receive these via email

- Avoiding Clouds at Night
- The Silent Prop Control Trick
- Getting Custom Vectors to Final
- Common Control Oversight

EAA

- EAA has a continuing schedule of Webinars. Check out their schedule.
- EAA has many publications; log in and subscribe here
- The EAA eHotline, published weekly via eMail, has some great articles Subscribe herel

Other EAA Chapters – Do you wonder what other chapters are doing?

- Chapter 555, Las Cruces February Newsletter (Subscribe for future issues)
- Chapter 961, Rock Hill, SC March Newsletter

FAASTeam

• A Webinair: Pro Tips for Pilots – The Impossible Turn

General Aviation News

• <u>Living with no Regrets</u>, a story finding one's way into the air

Snippets from Aviation History (aka Rabbit Holes)

- Following last month's suggestions for the XB-70 Sitting on the bank of a creek (in western Kansas?), I watched, and listened, to a B-36 fly overhead. The sound was like nothing I've heard since (or we'll ever hear again). So here are rabbit holes for you:
 - The Aviation Geek Club has many stories about it.
 - As does the <u>National Museum of the United States Air Force</u>
 - Airplanes Online <u>List of B-36 Survivors</u>, including one in the <u>Tucson/Pima Air & Space Museum</u>
 - World War Wings RC Convair B-36 Flight
 - And many videos on YouTube
- Here's a video of an interesting experience bad landing for an F-35

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Quick Links to Chapter Website

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Young Eagles: www.eaa179.org/youngeagles
www.eaa179.org/imc-club
www.eaa179.org/deaa

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NEW!

Join the Chapter's new Facebook Group. Lance Hunter has created it as a place for Members to share information Join today

www.facebook.com/groups/www.eaa179.org

Reminder

Have you renewed your Membership? See details on page 3.

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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. In future months I plan to present a synopsis of the significance of some of these resources, what is interesting about them or what they offer in the way of enhancing 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

- <u>1306</u>, Edgewood, 1N1
- 530, Los Lunas, E98
- 691, Los Alamos, KLAM & KSAF (Green Chile Chapter)
- 251, Alamogordo, KALM (& Facebook)
- <u>555</u>, Las Cruces, KLRU (Triple Nickel Chapter) (& <u>Facebook</u>)
- 1193, Roswell, ROW (Aliens Chapter)
- 1570 Santa Teresa, KDNA
- 1615, Truth or Consequences, KTCS

New Mexico Organizations

- New Mexico Pilots Association (NMPA) (& Facebook)
- Fly New Mexico! Facebook Group started by David Otero. Ask to Join!
- New Mexico Airstrip Network (NMAN)
- NMDOT Aviation Division
- New Mexico Airport Managers Association
- 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
- Air Care Alliance
- Emergency Volunteer Air Corps
- LightHawk (& Facebook)
- Arizona Pilot's 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
 - Fly New Mexico
 - The Aviator's Lounge

EAA Resources

- Hints for Homebuilders
- Learn to Fly!
- <u>Pilot Proficiency</u>
- Become a Young Eagle Volunteer!
- AirVenture—Oshkosh

eMail Resources (Subscriptions)

- <u>FAA Safety Team</u> Safer Skies Through Education Log in to your account, then go to Account Preferences.
- AOPA ePilot and AOPA Aviation eBrief
- AVwebflash

Cultural Web Sites

- National Museum of the United States Air Force (& Facebook)
- 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
- The Wheels Museum,
- War Eagles Museum, Santa Teresa (KDNA)





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Contact us at: chapter@eaa179.org