

Scholarships:

Mark Sturm

2022 Leadership

President: Emilio Verastegui Vice President Kyle Reinhardt

Secretary: Joyce Woods

Treasurer: Jessica Reinhardt

Board Members Mark Sturm Brandon Fryar Mike Wirstrom George Young Robert Richter-Sand

Standing Committees Membership Art Woods <u>membership@eaa179.org</u> Land of Enchantment

Fly-In (LOEFI) Emilio Verastegui loefi@eaa179.org

Double Eagle Aviation Academy (DEAA) Jim Kessler deaa@eaa179.org

Young Eagles Daniel Fuka

youngeagles@eaa179.org

IMC Club **Barry Harper/Joyce Woods** imc-club@eaa179.org **Technical Counselors** chapter@eaa179.org David Otero **Emilio Verastegui Gwen Walcott Storage Locker** Dan Morse chapter@eaa179.org **Reimer Aircraft Factory**/ Tool Crib Lee Otto chapter@eaa179.org Newsletter **George Young** newsletter@eaa179.org Web Master **George Young** webmaster@eaa179.org General eMail

scholarships@eaa179.org

<u>chapter@eaa179.org</u> Snail Mail

EAA 179; PO Box 3583 Albuquerque, NM 87190-3583



Special Edition – Double Eagle Aviation Academy 2022

Upcoming Events & Chapter Gatherings

- Jul 16 IMC Club (KAEG), 0930-1100 hrs, hybrid format
- Jul 19 July Chapter Gathering (KAEG), 1800 hrs
- Jul 25-31 EAA AirVenture Oshkosh
- Sep 10 Young Eagles, Chapter 179 (KAEG)
- Sep 24 Land of Enchantment Fly-In (KAEG)

And check <u>NMPA web site</u> for other events around New Mexico

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Notes from our President Emilio Verastegui, President



Hello my fellow Chapter members and friends:

What a month of June we had! It has been a very exciting month. Plus, I have lots of other good news to share with you.

First, let's talk about DEAA, the Double Eagle Aviation Academy. It was a rousing success, and with 24 signees of the 38 that applied, we expected a full house. Regrettably, one young person had to drop-out due to health reasons, but the remainder were very excited to be in class and learning all about aviation. Although we had 5 returnees, all the young folks were very enthusiastic and ready to learn.

It should be no secret by now that DEAA was a sucess. It is because there were enough volunteers to make it <u>THE</u> place to be. Jim Kessler, our Chairman, has done a marvelous job of organizing and scheduling his volunteer instructors and assistants. He has managed to create a wonderful and exciting program; his time and efforts with this program belies the fact that he makes it look so easy and seamless. Thank you Jim and Pam Kessler, along with all other assistants and all the instructors! It is only because of you all that DEAA was such a success!

We also would like to acknowledege Milo Moraga and his staff, and the City of Albuquerque, for again allowing Chapter 179 to invade and thoroghly take over almost every square inch of the City Maintenance Building where DEAA took place during the first week of June. Without their assitance and help, DEAA might not have taken place. Thank you Milo Moraga!

In addition, Bode Aero Services were very helpful in many ways to ease the Chapter's burden of moving furniture and other tools to help make DEAA a success. Thank you Tim Gorman and staff! We appreciate you and all that you do to help Chapter 179 remain a successful Chapter.

Speaking of success, I received an email from David Leiting Jr., the Eagles Program Manager at EAA Oshkosh. He was delighted to inform me that our Chapter has been awarded a commemorative plaque in recognition of our Chapter's <u>"unwavering support of the Young Eagles program since 1992, one of only 102 Chapters that can claim their membership has supported Young Eagles for thirty consecutive years!"</u>

Folks, this is a huge deal and an award that exemplifies what we do as members of EAA - support youth to help them achieve their aviation

dreams, volunteerism, and education. I am very pleased to say that our Chapter is one of the best! I plan to pick up the plaque from Dave Leiting at the Blue Barn in Oshkosh when I attend AirVenture this month.

Let me mention another award that will be presented at this year's AirVenture. This particular award that I am refering to is going to none other than our very own **George Young**, our Newsletter Editor. He was selected by EAA to receive the <u>"2022 Chapter Newsletter Editor Award"</u>, to be presented at the Chapter Leaders Breakfast on Saturday, 30 July, in the Founder's Wing at the EAA Aviation Museum.

John Egan, the Senior Manager of Chapters, wrote "Your hours of hard work contribute to the success of your Chapter and foster the growth of Sport Aviation. The Chapter Newsletter is one of the most important tools of communication a Chapter has to keep members and prospective members informed and engaged, for both the day-to-day, future events, and happenings of the Chapter. Please accept my sincere congratulations for this great achievement."

George will not be attending AirVenture, regrettably, but I will happily attend the presentation in George's stead and return it to Albuquerque. I will present it to him as soon as we can make arragements to do so. Congratulations George!

One other note to mention - Joyce Woods will be the presenter for our July Gathering. I am sure she will have a great program for us, so please come and listen to what she has to say.

Please enjoy the warmer days of summer and be safe in all you do. I look forward to seeing everyone at our next Social Gathering, scheduled for the 19th of July, at the City Maintenance Building, at the foot of the control tower. More good news - NO POT LUCK this month! The powers that be have decided to give you all a break. Instead, <u>there will be pizza available</u> <u>for everyone's enjoyment and delight.</u> Let's all come out and have a good time in the heat!

See details in this issue for times and directions to the Gathering site, especially if you have not attended before.

That's it for now. See you soon!

Emilio Verastegui, President EAA Chapter 179 <u>chapter@eaa179.org</u> (505)280-2421

Board Meeting Summary Joyce Woods, Secretary

The chapter Board of Directors met Tuesday, July 12 via Zoom for our regular bi-monthly meeting. Participating were Emilio Verastegui; Jessica Reinhardt, Mark Sturm, Mike Wirstrom, Joyce Woods, George Young, Dan Fuka, Jim Kessler, Lee Otto, Gwen Walcott, and Art Woods.

Committee updates:

• **Membership** – Art Woods reports that 95 members are paid through 2022 with a few paid through 2023. Those whose membership expired in 2021 have been contacted.

• **Young Eagles** – Dan Fuka reports that we flew 22 DEAA students in June plus 11 additional DEAA applicants and 2 adult flight students (Eagle Flights). Thanks to all Young Eagles pilots!

• **Scholarship** – Mark Sturm reported that Ray Scholar, Roni Bearup passed her private pilot checkride, making her our THIRD scholarship recipient to complete her PPL this year!!! Congrats to Roni who joins Luke Vaughn (May) and Jesus Perez (June) as new Private Pilots!

• **LOEFI** – Emilio reported that plans are well underway. Anyone welcome to join the next planning meeting on July 21 (6:30pm via Zoom). A more structured approach to attract volunteers will be employed to assure we fill the remaining key lead roles and other tasks to support the overall event.

• **RV-12 Build** – Lee Otto reported that the aircraft is nearing completion. The Board acknowledged the invaluable commitment of Lee Otto representing the chapter, continuing to support the new flying club through completion.

• **RAF Hangar** – Lee Otto reported that the hangar is a terrific workspace with a tremendous collection of tools. Meg Fleming has organized and marked tools to make them accessible. After the RV12 is complete, more hangar organization will be done.

Old and New Business:

• **Future chapter hangar** – Emilio and Joyce reviewed their understanding of plans for a new hangar project near the south ramp at Double Eagle II, expected to be underway this fall and competed Spring 2023. The Board revisited the current chapter facility strategy prepared over the past year, given that we now have the Reimer hangar. The Board unanimously approved reserving the right to purchase one of these hangars, recognizing that significant fundraising will be required. Final scope of work, purchase terms, and ongoing costs are expected to be available by October 2022 at which time a final decision can be made. Joyce volunteered to lead fundraising efforts. The Board supports beginning to solicit commitments now for facility focused donations. Plans are also to pursue grant funding to support the purchase.

• **Nominating Committee** – it is time to appoint 3 members to recommend candidates for 2023 Officers and Board member positions. Let Emilio know if interested in serving on the committee.

• **Membership Information** – There is interest in preparing a directory of members and their aircraft. George and Art will evaluate how to provide this info to members.

Next Board meeting is September 6, 2022 at 6pm via Zoom. All members are welcome to participate. Contact Joyce Woods for Zoom info.

Joyce Woods Secretary <u>chapter@eaa179.org</u>

Notes from the Editor

George Young

High Flight

Oh! I have slipped the surly bonds of Earth And danced the skies on laughter-silvered wings; Sunward I've climbed, and joined the tumbling mirth of sun-split clouds,-and done a hundred things You have not dreamed of - wheeled and soared and swung High in the sunlit silence. Hov'ring there, I've chased the shouting wind along, and flung My eager craft through footless halls of air.... Up, up the long, delirious, burning blue I've topped the wind-swept heights with easy grace Where never lark nor ever eagle flew-And, while with silent lifting mind I've trod The high untrespassed sanctity of space, Put out my hand, and touched the face of God

Written by John J. Magee, RCAF, in 1941. He wrote to his parents:

"I am enclosing a verse I wrote the other day. It started at 30,000 feet, and was finished soon after I landed."

(Air Force Historical Support Division)

George Young Editor & Webmaster newsletter@eaa179.org

EAA 179 Award for Young Eagles Participation

From a post on Facebook by Kyle:

Outstanding news today from EAA - The Spirit of Aviation

Out of the thousands of chapters that were in operation between 1992 and 2022, only 102 can claim their membership has supported Young Eagles for thirty consecutive years. Note: This includes chapters founded since 1992 that have members who flew Young Eagles prior to the chapter's formation.

I am excited to inform you that EAA Chapter 179 is one of the chapters that has had members participate in the program every year since 1992!

To recognize your chapter's unwavering support of the Young Eagles program, EAA has created a commemorative plaque for EAA Chapter 179.

Congratulations to all that have made this possible for the chapter and community!

EAA 179 Scholarship Winner at USAFA

Luke Vaughn, one of our scholarship winners and a great contributor to Chapter activities, checked in at the Air Force Academy on June 23rd. The following videos offer windows into the changes in his life (and images that I remember well):

Air Force Academy Inprocessing Day ... (KKTV News)

In-processing Day (USAFA)

What New Air Force Cadets Go Through On Day One ... (Business Insider)

We wish Luke well!!

Recognizing Arnold Bronson

Recently published on "<u>The RAF</u>" (Recreational Aviation Foundation), June 9, 2022 – <u>Arnold</u> <u>Bronson</u>

Arnold Bronson owned a successful highend Scandinavian furniture store in partnership with his brother in Syracuse, NY. In 1973 he and his wife got the travel bug, rented a 31-ft motor home, loaded their three kids and dog and headed West.



They traversed the western states, and connected with a friend with the Bureau of Land Management in Albuquerque who showed them around. They fell in love with the area, and right away contracted to build a home and new furniture store. Within the year, they'd pulled up stakes and departed alternately cold, snowy, overcast, muggy weather for 310 days of sunshine in New Mexico's high desert.

Not everyone would have faith in a Scandinavian furniture enterprise in the heart of America's Southwest, known for historic Highway 66, turquoise and silver, and beautiful native weavings. But Bronsons had the faith to work hard offering tasteful furniture options, and the community rewarded them with 25 years of success.

Their new community does share an Alpine sense with Scandinavia, although nearby Sandia Peak Ski Area tops Scandinavia's highest peak by two thousand feet.

Arnold had always wanted to fly. He'd dream of being aloft at the controls, and landing safely. He finally had the time to pursue his passion, and was licensed in his 60s. In these twenty-plus years since, he's flown a dozen different aircraft, and now enjoys his Rans S7 tandem Courier. He enjoys Idaho's backcountry, and often flies off pavement in his home state, Arizona, Utah, and Colorado. He usually flies to the SuperCub gathering in New Holstein, followed by Oshkosh. He endures AirVenture's beehive of GA traffic, and summer humidity including riding out one tornado in his tent. "Buses were gathering people and sheltering them indoors," he explained. "I held on to my tent side to keep the poles from snapping." The rain pummeled him, and, "for an hour and a half, you could have read a book in the lightning." He flight plans for 100 mph, and he can stretch the round trip to OSH to 40 hours, "when you stop at every grass field between here and there, which makes it more fun," he says.

A memorable flying experience was his half hour in a B-17. "It was the most emotional experience I've ever had. Sitting in the left seat, thinking about all those poor kids during World War II that knew they probably wouldn't come back." He also had the chance to fly right seat in a Ford Tri-Motor from Albuquerque to Las Cruces for a restoration project.

Arnold has supported the RAF for a dozen years, helps man the RAF booth a couple a times a year; and also supports New Mexico Pilots Association, AOPA and EAA. He helps organize an annual weeklong mentorship program for teens at his home field, Double Eagle II airport in Albuquerque, KAEG. The kids get a chance to build aircraft parts, learn about flying, and take Young Eagle flights. "This year, we have eighteen boys and girls signed up," he said.

Arnold just celebrated his 86th birthday. Daily, he rides his motorcycle to his hangar and usually flies, often sharing the flight with friends. When he's not in the air, he pulls up chairs in his "man cave" that faces KAEG's runway, and "my pilot friends and I smoke cigars, and critique others' landings."

He was an avid motorcycle tourer, but has given up his series of BMW touring and dual sport bikes for a sporty British Triumph Bonneville Bud Eakins edition, and is contemplating a long tour on it. You may cross paths with Mr. Bronson, but only if you can keep up!



June Gathering – Recap George Young

This month's Chapter Gathering featured a presentation by Bob Waters, relating his journey and achievement to be awarded Airframe and Powerplant (A&P) certificate. After enjoying the always good bot-luck meal provided by those in attendance, Emilio offered a few words to update the members about ongoing activities (see his President's Notes).

On Becoming an A&P – Bob Waters

Bob outlined the various FAA Regulations and requirements for getting the A&P Certificates, Airframe and Powerplant. They are quite daunting:

- Pass written tests covering construction and maintenance, and regulations.
- Graduate from certificated school, or .. 18 months practical experience for either rating or 30 months for both ratings. And oral and practical test on the rating(s) being sought.

Bob did all this on his own (no school) - 18 years and "4800 hours of documented, acceptable experience" to be awarded certification. (Recent interpretations of the FAA Handbook excludes work on experimental aircraft as credit for experience).

His advice: get your documentation together, contact the FSDO, sign up for and pass the written tests, sing up for and pass the oral and practical tests, and Celebrate.

He included in his presentation a number of special purpose fasteners:



- D. Holes drilled crooked & then straightened up
- H. Holes with countersink on wrong side

Download Bob's presentation: On Becoming an A&P

July Chapter Gathering Joyce Woods



July 19, 2022

5:45 PM Pizza and drinks provided (no Potluck)

6:30 PM Program

PROGRAM: Developing NM Aviation Tourism Joyce Woods, New Mexico Airstrip Network

New Mexico has so much to offer the recreational aviation visitor. Besides great flying weather, there is a multitude of historical and cultural destinations, backcountry flying, dark skies, and beautiful landscapes to explore.

Joyce Woods leads a Tourism work group in support of the New Mexico Airstrip Network (NMAN). NMAN is a coalition of state and federal agencies and aviation organizations with a shared goal to increase public aviation access to promote NM tourism and economic development. EAA, AOPA, and the New Mexico Pilots Association (NMPA) are all members.

She will review available aviation resources and show how you can support the effort. NMPA has created an information hub at <u>flynewmexico.org</u>, tied to the state's "New Mexico True" community websites. In addition, efforts are underway to improve the info found in a Google Search. Anyone can contribute to help improve the visitor experience to NM airports and promote aviation tourism which especially supports statewide rural airports and communities.

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)

NOTE: Pizza this month! Not the normal potluck, unless you prefer to bring something different. Holes with countersink on wrong side

IMC Club – July 16, 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 Join Remotely: Register in advance, Zoom access info will be eMailed to you: <u>https://us06web.zoom.us/meeting/register/</u> tZ0pcOGvrDgsGNaU9Zhdc8BvZoQvwrO8KPbG

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: <u>www.FAAsafety.gov</u>

> Barry Harper & Joyce Woods IMC Club Coordinators, EAA 179 <u>imcclub@eaa179.org</u>

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

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)

Young Eagles

Your continuing support, pilots and support crew, is what makes these events among our best. Come on out, even if just to kibitz. We have three Young Eagles Rallies coming up this fall.

- 1. September 10th, our next Young Eagles Rally
- 2. October 15th
- 3. November 5th

Mark your calendars; see you there. (Dan Fuka)

Chapter Gatherings

3rd Tuesdays at Double Eagle II (except March-Scholarships & December (Holiday Gathering)

IMC Club

Third Saturdays at Double Eagle II and via ZOOM

Chapter Board Meetings

First Tuesday of Odd Months via ZOOM

Quick Links to Chapter Website

Web <u>Site</u> :	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

LOEFI

George Young

It Is Time to Begin Advertising: LOEFI is now just 2 months away. Now is the best time to start spreading the word about our event. Here are things all Members can do:

- POSTERS: Identify locations where our poster can be posted. For examples, coffee shops, some restaurants, pizza parlors, pubs, anyplace that the public frequents.
 - Send your suggestions to <u>loefi@eaa179.org</u> and someone will get a Poster there.
- **BUSINESS CARDS**: Carry a few cards with you wherever you go; pass them along to friends, colleagues, even people that you meet in a store. The cards have an image of the Poster on one side, and our Young Eagles dates on the other (double duty).

You can pick up Posters and Business Cards at our Gatherings or stop by the RAF where a supply is on the desk, right side/corner of the hangar.

PLANNING AND PREPARATIONS: We have 2 months 'til "shew time".

The LOEFI committee continues to meet monthly to coordinate activities and track progress. **The next meeting is July 21st**. The pace of meetings will pick up as we get closer to September 24th. **Join the committee meetings** held via ZOOM. Bring your ideas and pick out a place (or places) where you can help. Member participation is (and has been) a key to the successes that we have enjoyed for many years.

At upcoming Chapter Gatherings, there will be a list of activities for which volunteers are needed. Start planning now for your participation in this, our Signature Event.

Questions or suggestions? Contact Emilio or

the LOEFI team at loefi@eaa179.org.





From the Young Eagles Nest Daniel Fuka – Young Eagles Coordinator



Our DEAA Young Eagles' flights have added a few new dimensions this year, not only giving each of the DEAA participants a one –on-one full-hour Young Eagles flight after DEAA (June 11th), but also adding a final Young Eagles' event on June 25th for students who did not make the DEAA cut for this year... indeed we had more DEAA applications than we had available seats, but we

wanted to make sure these students maintained their enthusiasm until next year's DEAA!

For the June 11th event we flew 22 out of the 23 DEAA participants. On June 25th we flew 11 Young Eagles with the frosting on the cake being the availability to provide a few Eagle's Flights to adults who have finished 3 out of 4 weeks of ground school! (More on this below.)

In building up an FAA Workforce Grant application, an interesting statistic popped out in our research we thought we could integrate into our YE Events. Studies have shown that parents who are supportive of their children's' career choices are the most influential factor in student pilot career decision making, especially for female pilots.

With this in mind, and the fact that we have a captive parental audience available, our ground volunteers have started a parents focused learning program for when the Young Eagles are in flight. The informational poll has questions ranging from the unemployment rate in piloting and aviation maintenance (much lower than average) to expected salaries and time commitments for each group (better than average). While the polls have only been taken with the parents of DEAA participants and those in the follow-up YE event, it has yielded better than expected enthusiasm from the parents who seem to now realize that we are offering much more than a Saturday Morning joy ride.

Summer Turbulence to In-Door Excitement

EAA179 members are not known for sitting around and waiting for the Fall Young Eagles events, and indeed we are experimenting with a few ideas to help grow aviation in our community through participation and education, delivering educational offerings and activities that might recruit new EAA179 members! To reduce barriers for getting new potential pilots excited, several of our EAA179 family have started offering Study Buddy FAA Knowledge Exam get togethers downtown at the community makerspace QueLab (an adult hobbies playground extraordinaire with machine, welding, wood, and sewing shops and more).

Through mutual membership of a few Chapter members, we have available a classroom on 7th and Haines (near the Bow and Arrow Brewery) that is more easily accessible with shorter driving distances from most of the ABQ population. This session we had 10 participants, ranging in age from 13 to 75, and of the 10 we had 5 finish the course and obtain their Ground School Endorsement to take the FAA Knowledge exam.

Art Woods indicated that we would be able to find volunteer EAA179 pilots willing to give Eagles Flights to those who tolerated me for 3 weeks, and a second flight after they passed their FAA Knowledge exam. We have a few weeks to see how many pass, but are continuing to offer the Study Buddies Group until everyone is finished.

Thank you to all the Pilot and Ground volunteers who are making Young Eagles and Eagle Flights a great success both in the past and going forward!

Daniel Fuka Young Eagles Coordinator youngeagles@eaa179.org

Scholarships Mark Sturm – Scholarship Coordinator



Greetings chapter members and friends.

I can't believe summer is here already... and even some monsoon rains for several days to cool things off. There was some exciting news from our 20, 21, and 22 Ray scholars this past month. Sophie Haag (our 2020 Ray scholar) was in town on leave after finishing her first year at the Air Force Academy, and graciously agreed to tell the Double Eagle Air Academy (DEAA) audience the story of her experiences learning to fly. It's wonderful to see our scholars come back home and help encourage the

next group of young people with a dream of learning to fly. See below for an update on our most recent Ray scholars ...

Luke Vaughn - 2021 Ray Scholar. Luke asked to participate in DEAA and

gave a wonderful presentation on the final day of the program. He spoke to the students and parents about the joys and challenges of learning to fly, shared many of his personal highs & lows, and encouraged all to keep the dream alive. On 22 June Luke and his family traveled to Colorado Springs to begin his journey as a cadet at the Air Force Academy. We all wish him the very best. But, on his last day in Albuquerque, guess where he was ... he came to the EAA179 chapter meeting at Double Eagle! Amazing young man. All the best Luke.



Ed: Here are photos that Luke sent:







Veronica (Roni) Bearup - 2022 Ray Scholar. Roni has had a crazy month. Because of a family situation, in June she moved to Nebraska, near Omaha. Recall that her South Carolina flight training was interrupted in 2021 because of COVID, and now her Bode flight training in Albuquerque was interrupted because of her move. She was initially dejected with the thought of losing her EAA scholarship, but since she is still an active Chapter 179 member, the board wanted to see her complete her Private Pilot's License. Well, on 2 July she



passed her PPL check ride and is now our newest private pilot. Here are her thoughts on the afternoon after her check ride:

'The past three weeks I've been flying nearly every day for hours at a time attempting to finally complete my private pilot's license. My journey started last year but has had many long pauses due to financial issues. But this time was different. This time I had Top Gun: Maverick. After watching the movie and stealing a popcorn bucket with Tom Cruise's face on it, there was nothing between me and my license.



All jokes aside, I really wouldn't be where I am today without EAA chapter 179. I couldn't be more grateful for those who helped me along my journey, special thanks to Luke Vaughn, Mark Sturm and Joyce Woods.

As of today, July 2, 2022 I am officially a private pilot. Always remember, keep your head up and more right rudder!"

Congrats Roni; way to stick with it and complete your dream!

Ashlee Simkins – Ashlee, a 2002 Scholar, garnered some interest in her pursuit of flying with a video on KOATV: <u>"Albuquerque teen has her eyes on the sky"</u> (text version on <u>msn.com</u>).



I want to thank all the EAA 179 volunteers who made DEAA 2022 a huge success. It is a joy to work with you and to see the students respond to your enthusiasm. About 50 members of EAA Chapter 179 volunteered their time and talent to this year's event.

Let me start with a review of the student critiques. We asked 9 questions of the students at the end of the week.

- 1. <u>Did the week meet your expectations</u>? 97.4%
- 2. <u>Were the instructors knowledgeable</u>? 100%
- 3. Were there enough fun hands-on activities? 83.5%
- 4. <u>Do you expect to use this knowledge</u>? 100%
- 5. <u>Was this session worth your time?</u> 98.7%
- 6. <u>Would you recommend DEAA to a friend</u>? 89.1%
- 7. What did you like best?

Without a doubt the students liked all the hands-on activities best. This included talking on the radio, the simulators, electrical wiring and building the airfoil section. They liked the career speakers as well.

8. What can we do to improve DEAA?

More hands-on activities. Less class time. Separate the hands-on days. (Tuesday and Wednesday are the hands-on days.) Ninety minutes of aerodynamics is hard to follow.

9. <u>Any other comments</u>? *The food was good. Keep doing what you are doing.*

DEAA is an exciting week for the students, but I think it is true to say that their energy rubs off on the volunteers. We are looking forward to 2023. Thanks to all the people who helped during the week and all the parents who are looking ahead to their child's future. EAA Chapter 179 is here to assist in making their dreams a reality through experience and our scholarship programs.

Jim Kessler DEAA "Principal" <u>deaa@eaa179.org</u> (910)467-2162 (cell)

A full report on the week's activities is presented on the following pages.

The week is packed with many topics related to aviation. Each student received a workbook filled with information related to each of the topics that will be presented each day.

- Some topics in the classroom focus on technical aspects of flight: weather, aerodynamics, aircraft instruments, weight & balance, flight planning and navigation, and more. This included developing a flight plan for their Young Eagles flight scheduled for Saturday.
- Activities were included each day which gave the students hands-on experience with such things as radio communications, aircraft engine and electronics, aircraft building, flying in a traffic pattern, and "flying" on a simulator (we had 4 simulators for the students to "fly").
- Each day time was also given to presentations from guest speakers about their jobs and careers in aviation including commercial, helicopter, and drone pilots, a traffic controller, an A&P mechanic, aeronautical and civil engineers, and military officers. They talked to the students about different aviation careers, from maintenance to engineering to air traffic control, giving them a broad spectrum of professions. The week's schedule on page 17 includes the guest speakers and topics covered.

First thing each morning we had a variety of aircraft on the flightline. This is a very popular event as the students get to interact with the pilots and ask questions about the various airplanes. Joyce arranged to have a variety of flying machines so there was plenty of material to peak the students curiosity and learn about the differences between airplanes.





(Continued from page 10)

On Monday, we started with a pre-flight. Students, in groups of 3 or 4, were assigned to a pilot who took them through a preflight of the pilot's airplane. This introduced the students to some of the design features of airplanes and various aircraft nomenclature. And preflight procedures.



Also on Monday Bob Waters gave a lesson on Aviation Weather. He first explained the weather rock, always a hit. From there, the students learned how to read a METAR report and a were given a lesson on general atmospherics.



After lunch, students heard from Maria, an A&P, about aircraft maintenance. Several of the students this year were interested in the maintenance side of aviation.



Following a work session focused on Compass Headings (the 1st of 3 lessons related to navigation), a presentation was given on Aerodynamic Lift. Mathematics were integrated into the curriculum here as well as in other lessons. Our focus was on becoming involved in aviation, and part of that might be as an engineer.

Shown below is the infamous (dreaded) aerodynamics class.



(Continued on page 12)



(Continued from page 11)

On Tuesday, after the daily visit of a variety of airplanes on the ramp, the students heard from an Aeronautical Engineer about that career field. Then followed a presentation of the "Six Pack" of flight instruments.

After lunch and a presentation on Communications, 3 groups of eight students each were formed to rotate through three hands-on activities:

• Students were introduced to Simulators, using the 4 simulator stations that were on hand.



• Each student practiced radio communications with real radios (headset and all) They used scripts of the radio calls from taxi through takeoff, departure the traffic pattern, and return to the pattern and landing.

Students practiced "flying" around a traffic pattern, where runways were set up on the floor of the hangar, again making the "routine" radio calls. Joyce performed the role of tower controller as the students "flew" the traffic pattern.



Wednesday started with a flyover and a visit from the Chile Flight.







(Continued on page 13)



(Continued from page 12)

We continued on Wednesday with hands on activities introducing them to activities involved when building or maintaining an aircraft. Each of 2 groups was exposed to each of the activities by rotating morning to afternoon:

 Group 1 was introduced to one facet of building an aircraft – riveting. Using a section of an aileron, they riveted the surface of the aileron to the ribs. They learned to buck rivets and pull blind rivets and how the structure of the materials makes flimsy component into a rigid object.



- Group 2 was further divided into 3 groups of 4 students each, rotating through 3 activities.
 - One groups was given "flying" lessons on the simulators.



 \diamond $\,$ A 2nd group was introduced to a typical aircraft engine.



• The 3rd group was introduced to aircraft wiring with a project to complete a sample circuit given a schematic diagram, crimping terminations on wires, and assembling and testing the circuit.



(Continued on page 14)



(Continued from page 13)

Wednesday ended with a visit to the APD hanger and a presentation about helicopters by Will Taylor.



On Thursday the class returned to the classroom with some practical exercises:

- Introduction to weight and balance, with a real-world example. Moment arms and center of gravity were new topics for most of the students, so the instructors helped them fill out a weight and balance form.
- The second lesson on navigation – an introduction to Sectional Charts with a scavenger hunt on the chart. Instructors assisted in identifying features on the Chart.



Those topics were followed by another presentation, this one on the Aerodynamics of Drag. On Friday, class time was focused on producing the flight plan in preparation for their Young Eagles flight from Double Eagle to Belen on Saturday.

The students kept their notebooks with all the presentations and worksheets from the week. Hats and other prizes were given out during the week as they review each day's events. You might also note on the Schedule the variety of menus served for lunch each day. And snacks & a selection of drinks were provided each morning.

Friday ended with a reception and presentation on What's Next. This year Sophie Haag spoke about her experience as a cadet at the Air Force Academy. And Luke Vaughn spoke about his experience learning to fly and being accepted into the Air Force Academy. Both Sophie and Luke are EAA 179 scholarship winners.



Certificates were then presented to each student, a record of their diligent work this week and a reminder of the many topics they learned and the opportunities in aviation that they can look forward to.



(Continued on page 15)



(Continued from page 14)

After the presentations, the students had the opportunity to speak with a variety of organizations linked to aviation.

- CNM was there to discuss their aviation mechanics program.
- Embry-Riddle was there to chat about their pilot-training program.
- The FAA was there to talk about becoming an air traffic controller.
- Bode Aviation training was there to present a flight training option.
- SAMS Academy was there to offer the high school students an opportunity to get started in aviation right away.
- EAA Chapter 179 was there to explain how we can help the students get started in their own flying experience.

The week ended with a Young Eagles flight on Saturday. This is the high point of the week. The student navigate to Belen using the Navigation Log that they developed during the navigation sessions.





We had a big class this year with 23 students. The students were generally older also. All of the instructors commented that the group was very attentive. DEAA is an exciting week for the students, but I think it is true to say that their energy rubs off on the volunteers.

And, because we had so many applications this year, we offered a special Young Eagles Rally for the applicants we could not accommodate in the class. We had 12 Young Eagles participate in that rally.



The success of DEAA is attributable to many people who volunteered many hours to prepare and then produce this amazing week.

- First and foremost, Jim Kessler and Joyce Woods, the Principals of DEAA.
 - Jim and Joyce were the masterminds, updating the syllabus that has been used in recent years and adding new features—notably use of the simulators. This included producing the class workbook, a tremendous resource for the students during the week and a reference for their future "studies".
 - Jim was also the Registrar, soliciting and receiving applications, selecting this year's class members, and communicating in return to all those families who had applied.
 - Then Jim orchestrated the activities during the week, "escorting" the students (and sometimes the "faculty") to the right place at the appointed time. And he set up the "graduation" ceremony for students and parents at the end of the week.
- A quite important role .. Pam Kessler, with assistance from Chris McIntyre, had snacks and drinks for the students every morning and a different lunch menu each day.
- Presenters and Faculty shared with the students their knowledge along with time and expertise in the many subjects presented. This included Chapter Members as well as others who brought their unique perspective. Check the schedule on the <u>following page</u> to see who these generous folks were.
- Much behind-the-scenes work was done by a handful of volunteers before, during, and after. There was laying out the runways for traffic pattern practice; setting up the simulators; assembling the materials for the Avionics, Aircraft Building, and Engine workshops; even setting up the classroom with tables and chairs, name tags, projector, etc. and setting up the tables for lunch.

(Note: Group photo by Bill Donald, other photos from Faculty members.)

Each morning a handful of airplanes (with their pilots) were parked on the ramp near the classroom. The pilots shared information about the plane, about flying it, and about flying in general. This was a big hit. Thanks go to these pilots and the planes that they brought for the students to get acquainted with.

Ron Waterman	C182	Lance Hunter	Cirrus
Joyce Woods R172K		Brian Morrison	RV8
Dick Perry	C170	Chile Flight	RVs
Emilio Verastegui	Bonanza	Jim Kessler	RV-6
Ryan Hollett C182		Michael Haag	BirdDog
Lanny Tonning	Ralleye	Mark Sturm	Velocity
Perry Null	C182	Mike Wirstrom	Velocity
Bob Richter-Sand	Kitfox	Chuck Swanberg	Navion
Bill Donald	Comanche	Lee Otto	RV10
Janet (& Mike) Crosby	Cub	Art Woods	RV7A
Brian Morrison	RV8	Ron Harmon	Eagle
Will Taylor	RC display	Jim Britt	Trike
Arnold Bronson	Rans S7	Will Taylor	Balloon

To top off the week, each student brought the flight plan that they had developed for a Young Eagle flight. Great thanks go to these pilots who came out on Saturday, gave the students some real-world navigation experience, and for many to get some stick (yoke) time.

Gary Williams		Lauren Chavez	C-172
Joyce Woods	R172K	David Otero	
Art Woods	RV7A	John Brown	
Ryan Carson	Luscomb	Mike Wirstrom	Velocity
Lee Otto	RV10	Dick Perry	C170
Bob Waters	Comanche 250	Lance Hunter	Cirrus

 Thanks also to the Chile Flight for the flyover on Wednesday, the smoke screen, and parking nearby for the students to look over the airplanes and talk with the pilots.



Special Report — Double Eagle Aviation Academy (DEAA 2022) (continued) Jim Kessler, DEAA Principal

Here is what the week's schedule looked like.

	June 6 Monday	June 7 Tuesday	June 8 W	/ednesday	June 9 Thursday	June 10 Friday
8:15					aath an Dannaittin a)	
8:30 8:45		8:15 - 9:00 AM Pro	e-session Airc	craft visits (we	eather Permitting)	
9:00	0900 DEAA Launch	0900 Day Introduction	0900 Group P	hoto then split	0900 Day Introduction	0900 Day Introduction
9:15	1	Engineering Careers	7			Engineering Careers
9:30	Phonetic Alphabet	Aeronautical	,	Engines 7	Hazardous Attitudes	Civil - Airports
9:45	Aircraft Preflight	Chris DeGraw		Emilio (grp of 4)	Mark Thoman	Kent Freier
10:00	Will Taylor	Break	A/C Building	Avionics	Break	Break
10:15	Groups of 3	5	Chile Pilots	George/Dan (grp		Navigation 2 Part I 3
10:30	Break	Instruments	2 hrs 30 min	of 4)	Weight & Balance	Dead Reckoning
10:45	2	Introduction to the 6 pack	3 grps of 4	Transfer time	Doug Dingman	Mark Thoman
11:00	Aviation Weather	Will Taylor		Simulator	Team activity	Prep for Saturday Flights
11:15	Bob Waters			Instruction		Lunch - Pizza
11:30		Lunch - New Mexican		(grp of 4)	Lunch - Catered	Lunch - Pizza
11:45	Lunch - Thai	Lunch - New Mexican	Lunch	Burgers	Lunch - Catereu	Navigation 2 Part II 3
12:00	Lunch - Thai	Communications 6	Lunch -	burgers	Gliders	Dead Reckoning
12:15	Aircraft Maintenance	George Young	Drone Careers		Connie Buenafe	Mark Thoman
12:30	Maria Vianco	George roung	Mark C	Chappell	3	Prep for Saturday Flights
12:45	3		Engines 7	7	Navigation 1	Military Careers
13:00	Compass Headings	Break	Emilio (grp of 4)		The Sectional	Air Force CV-22
13:15	Dan Fuka	Simulator Introduction			Dan Horshel	LCol Dan Denny
13:30		Rotate every 45 min	Avionics 7	A/C Building		Putting It All Together
13:45	Break	Rotate every 45 min	George/Dan (grp	Chile Pilots	Break	Evaluations
14:00	4	Traffic Pattern	of 4)	2 hrs 30 min	4	
14:15	Aerodynamics 1	Rotate every 45 min	Transfer time	3 grps of 4	Aerodynamics 2	Break
14:30	Jim Kessler		Simulator		Jim Kessler	What's Next 10
14:45	Break	Radio Practice	Instruction		Break	Family Invited
15:00	Lift	Rotate every 45 min	(grp of 4)	2	g Drag	
15:15			Helicor	oter Pilot		Graduation & Reception
15:30	Wrap Up	Wrap Up	· · · · · · · · · · · · · · · · · · ·	lor, APD	Wrap Up	Airplanes/Schools
15:45	Jeopardy	Jeopardy	9 9 Wrap Up		Jeopardy	Cleared for Takeoff!
16:00	Jeopuruy	Jeopuruy			Jeopuray	Sessions End
			Split class	p r this day)	
	times					

Tips for Safe Summer Flying Emilio Verastegui



For those of us who live in the Southwest, flying is a unique challenge, especially if you fly small airplanes or anything that might not have gobs of extra engine power. After living in Albuquerque for over 20 years, I have learned that summers here can be a lot of fun and can be very rewarding, although extremely hot at times. But, with the heat

comes turbulence and sometimes thunderstorms. For any pilot flying in the Southwest during the summer, below are listed several tips that should be observed to make your flying more enjoyable and safer.

First, the increased heat (hotter temperature rather than cold temps) will increase your takeoff roll and negatively affect the performance of your aircraft. Higher heat increases the density altitude and decreases performance.

For most normally-aspirated airplanes, the PIC should plan to add about 10% of takeoff roll for every 1000 feet of Density Altitude. The preferred method is to first calculate the length of the takeoff roll for any given weight at standard temp. This should be first verified with the POH of the aircraft, if one is available. Then, after calculating the density altitude for that day and takeoff weight, then the length of added takeoff roll must be added. Of course, landing distance should also be calculated, to be precise, especially if the planned landing runway is shorter than the one the pilot is most familiar with.

The reason is that no matter the size of the airplane you might be flying, higher ground speeds are generally accompanied with any approach speed to a high density altitude airport. Higher ground speeds may increase the need for stronger braking and that may lead to higher brake temps. Higher brake temps might develop into a brake failure or brake fire, at worst! Don't laugh, I have seen it happen...

Second, with summer comes longer days, which means more daylight flying time is available. But, what if the air is smooth at or near sunset - how long can you fly after sunset before it "becomes" a night flight?

A good rule of thumb for calulating civil twilight is that it ends 20 to 35 minutes after sunset.

So, the pilot can and should log night time flight after civil twilight ends. To log night landings, however, 1 hour must pass after official sunset.

Third, as mentioned earlier, summer can bring rain and thunderstorms.

The rule of thumb to stay safe from a thunderstorm is to stay a minimum of 5 miles from the thunderstorm, and up to 20 miles away if possible.

While a thunderstorm can be beautiful to look at, they mask some features that may not be evident to the casual observer. The PIC should be acutely aware that <u>all</u> thunderstorms will probably have wind shear, hail, heavy rain, and severe turbulence during its life cycle.

There are many accident reports that attribute the cause of the crash to weather, specifically thunderstorms and their associated effect on the aircraft. Some reports mention engine failure due to water and hail ingestion and others due to windshear encountered near the ground during the landing approach. When I was working for the airline, we were taught to stay at least 20 miles from any thunderstorm, and if possible, to fly on the upwind side of the storm to minimize any possible encounters with hail that might be ejected from the thunderstorm. Thunderstorms will affect all aircraft

And fourth, when flying on a gusty, windy day, the FAA recommends that the PIC add a safety factor speed to the landing approach speed to stay safe.

The recommendation is to add 1/2 the gust factor to the final approach speed. For example, if the winds are reported as 16 knots, gusting to 24 knots, then you have a gust factor of 8 knots. The calculation is as follows - if your normal approach speed is 80 knots, you add 1/2 of your gust factor of 8 knots, or 4 knots in this example, to your final speed, which works out to be 84 knots. It's that easy to calculate! That new speed, 84 knots, should be a safe speed during your approach, but that number may continually change if it is a gusty, windy day. If you feel that you need more or less <u>added</u> speed, that is your call. The PIC is always the final authority!

OK, so now you have 4 rules of thumb with which to fly during the summer that will help keep you safe, no matter where your flying may take you. Safety <u>always</u> comes first and flying can be most enjoyable when flying safely.

Have a great summer! Emilio Verastegui, a pilot

In the News and Other Interesting Topics The Editor

Other New Mexico Chapters and Organizations

Chapter 1306, Edgewood – I've received a note from Harv Martens, Webmaster and Newsletter Editor for Chapter 1306 at Edgewood (1N1). He forwarded a link to their latest Newsletter. It has an interesting article about their Chapter's pursuits to get attention on airports in the Estancia Valley (Estancia and Mountainair) and a great reminder from John Lorenz about Class G vs Class E airspace around airports (e.g. 1N1 and 0E0). Check out their the <u>Chapter 1306 Newsletter</u>.

Chapter 691, Santa Fe/Los Alamos – I was browsing through the Green Chili Chapter's web site and found an interesting document: <u>Fly NM True: Where to fly and</u> what to do without leaving the state. It's from a couple of years back, but if you are looking for place to fly it is a good starting point.

Chapter 555, Los Cruces - I received this link to the June Newsletter from Chapter 555 via eMail. Their web site is hosted by EAA National.

NMPA – Check out <u>NMPA's Website</u> & Newsletter for articles, news, and upcoming events for aviation in New Mexico. Their latest Newsletter is filled with interesting articles .. Specifically for aviation in New Mexico.

Young Eagles in the News

This is a special year for EAA's Young Eagles program. From a recent eMessage from EAA:

A Bustling Time for Young Eagles – As reported in EAA's Chapter gram: "2,252,897 Total Young Eagles Flown (as of May 19,2022)"

EAA Video—Highlights 179 sign at KOSH Blue Barn

Each month, EAA puts out a "Chapter Video Magazine", a video intended to keep chapter leaders up to date on EAA happenings and resources available for chapters. Any member can subscribe to the ChapterGram on the EAA e-news preferences:

https://www.eaa.org/eaa/news-and-publications/eaa-news-and-aviation-news/eaa-aviation-newsletters

EAA 179 had a moment of fame when a photo of Art and Joyce Woods appeared from when we posted our chapter sign at the 2021 AirVenture. Designed and crafted by our own David Otero, it is clearly one of the most photogenic of the chapter signs! Art and Joyce volunteer at the Blue Barn at AirVenture and helped chapters post their signs last summer.



EAA Flight Training Scholarships

Did you know – EAA has many scholarships for people interested in pursuing flight or a career in aviation or an aviation-related field? Check out <u>*Flight Training and Post-Secondary Scholarships</u></u>. A window is open for applications now through June 1st; another window opens Septeamber1 thru November 1. Maybe you are interested, or pass it along to others who might take advantage of these opportunities.</u>*

Picture of the Day (from General Aviation News)

Recognition for our own (and SAM's) Lauren Chavez, More Flight Training per Gallon, with Alex Carothers son and two more in the back seat of SAM's C-172.

(Continued on page 20)

In the News and Other Interesting Topics (continued) The Editor

(Continued from page 19)



Recent post on Facebook:

"SAMS Academy Aviation" is at sams.academy.

June 25 at 5:01 PPM – Albuquerque, NM

<u>14 yo GALILEA "GALI" RAMIREZ gets to FLY</u>!!! One of the VERY few who earned a 100% in her SAMS Academy Aviation Class, she is well on her way of becoming one of SAMS ACADEMY'S FUTURE PILOTS . Thank you @eaa_chapter179 @danfuka for another HUGELY SUCCESSFUL Young Eagles Flight!"



STEM – Aerospace Camp for Girls

From the Santa Fe New Mexican, an article about another recent program introducing youth, particularly young women, to the field of aviation.

The RV-12 Project

The High Desert Flyers Association (let's say "HDF") continues work on the RV-12. The last major task for the fuselage has been completed (engine cowling), final steps are being completed for the engine, and avionics has been installed and "fired up". A complete review of the plans vs as-built is being conducted while preparations are being made to submit paperwork to FAA and schedule the Designated Airworthiness Representative (DAR) to obtain the Airworthiness Certificate.





Mountainair Jubilee - Fly-In / Fly-Over

The town of Mountainair recently held their Big Show of the year. Included this year, in conjunction with NMPA, was an invitation to fly in for breakfast on their dirt runway. Or an invitation to "meet up" for a fly-over during their big parade. The city has been making effort to keep the runway in in good condition, with a push from an NMPA member Harv Martens and support from the mayor's office.

Ed: Although this is a past event, it is an example of flying excursions that are popping up around New Mexico. More are scheduled for coming months. NMPA and the New Mexico Airstrip Network continue to nurture aviation throughout the state.

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

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 <u>newsletter@eaa179.org</u>. 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)
- 555, Las Cruces, KLRU (Triple Nickel Chapter) (& Facebook)
- 1193, Roswell, ROW (Aliens Chapter)
- 1570 Santa Teresa, DNA
- 1615, Truth or Consequences, TCS

New Mexico Organizaton

- New Mexico Pilots Association (NMPA) (& Facebook)
- Fly New Mexico! Facebook Group started by David Otero. Ask to Join!
- <u>New Mexico Airstrip Network</u> (NMAN)
- <u>NMDOT Aviation Division</u>
- NEW: 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)
- <u>Albuquerque Soaring Club</u> (& Facebook)
- Women in Aviation Intl Land of Enchantment Chapter (& Facebook)

National and Other State Organizations of Interest

- Experimental Aircraft Association (EAA) (& Facebook)
- <u>Aircraft Owners and Pilots Association (AOPA) (& Facebook)</u>
- 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
- <u>AOPA News & Media AOPA Newsletters</u>
- Barnstormers Barnstormers eFlyer
- GA News Digital Edition
- On Facebook
 - The Aviator's Lounge
 - Fly New Mexico

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.
- <u>AOPA ePilot</u>
- AOPA Aviation eBrief
- AVwebflash

Cultural Web Sites

- <u>National Museum of Nuclear Science & History</u>
- US Southwest Soaring Museum (& Facebook)
- Spaceport America
- National Aviation Hall of Fame (nee Air Force Museum)
- National Air and Space Museum
- <u>*New* The Wheels Museum</u>

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

