

2024 Leadership **President:** Jim Kessler Vice President Lance Hunter Secretary: **Joyce Woods** Treasurer: John DeWitt **Board Members Doug Dingman** Emilio Verastegui Mark Wilson Mike Wirstrom George Young **Standing Committees** Membership **Gwen Walcott** membership@eaa179.org Land of Enchantment Fly-In (LOEFI) **ŤBD** loefi@eaa179.org **Double Eagle Aviation** Academy (DEAA) Jovce Woods/Jim Kessler deaa@eaa179.org Young Eagles Michael Tolle youngeagles@eaa179.org **Publicity** Kyle Reinhardt

Scholarships Art Woods, Rowan Phlieger scholarships@eaa179.org IMC Club John DeWitt, Barry Harper imc-club@eaa179.org **Flight Advisors** Jim Kessler Lee Otto **Mark Sturm Technical Counselors David Otero Emilio Verastegui Gwen Walcott Fly-Outs** Mark Wilson **Storage Locker** TBD **Reimer Aircraft Factory** Lee Otto Newsletter & WebMaster George Young newsletter@eaa179.org webmaster@eaa179.org General eMail chapter@eaa179.org Snail Mail EAA Chapter 179

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Upcoming Events & Chapter Gatherings

Jul 16 – <u>Monthly Gathering</u> at BJ's (Cottonwood Mall) Jul 19 – <u>DEII Summer Fly-In</u> (KAEG, airport hosting) See the <u>Notes from the President</u>

July 20 IMC Club July 20 Pedal Plane Workday (RAF, 0800)) Jul 23-29 – EAA AirVenture Oshkosh 2024 (KOSH) Aug 3 – Chapter Hangar Work Day (RAF, 0800) Aug 6 – LOEFI Planning Meeting (ZOOM) Aug 10 - New! Special 1st Time Young Eagles Event (KAEG) Aug 17 IMC Club Aug 20 – Monthly Gathering

Sep 21 – Land of Enchantment Fly-In (KAEG)

In This Issue

Notes from Our President	2
Board of Directors Meeting – Summary	2
Notes from the Editor	
July Chapter Gathering	
June Chapter Gathering - Recap	4
IMC Club	5
Membership	5
Young Eagles	6
LOEFI Preparations	6
Scholarship Update	7
Curtis Smith-Honor Flight	7
KAEG RSAT Meeting	7
DEAA 2024, the Full Report	3-
DEII Summer Fly In "Burque Breakfast Bash"1	6
Recurring and Upcoming Events1	
Upcoming Aviation Events1	7
For Sale: Aircraft Building Tools	
Support Your Chapter	7
In the News and Other Interesting Topics1	8
Individual Chapter Donors	
Quick Links to Chapter Website & 179 on Facebook1	8
Thanks to our Major Sponsors & Donors	
NM Aviation & Other Organizations and Resources of Interest2	
LOEFI Poster – download .pdf	
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Throughout the newsletter, blue underlined text indicates a hyperlink - click it to "take you there".

2024

July

Notes from our President Jim Kessler



It is monsoon season, and this year it is really happening. You may want to take your plane out for a free wash. I'm not advocating for this, but it is always tempting. The virga are the place to go, but make sure you are well below your maneuver speed when you enter. There is turbulence in those virga. To be honest, I've tried it a few times and, although it does take some of the bugs off the windscreen, generally

the rest of the plane appears to be immune to the washing.

As many of you know, Warren Cox's Breezy is now a salvage project. On June 13th, N409WC and I made a very hard landing. It was, by definition, a "good landing," but not a "great landing." The airplane held together very well considering how badly I planted it. I'll tell that story after the NTSB finishes its investigation later this month. It is all about the Bernoullis.

On July 19th we need to help the city with the <u>DEII Fly-in</u>. The intent is to welcome the pilots who are on their way to AirVenture. It is from 8:00 AM to 1:00 PM. We'll mostly be checking in pilots, and directing them to free drinks and food. If we have two or three people in two shifts, from 8:00 to 10:30 and from 10:30 to 1:00, that should do the trick.

The Pietenpol is in the RAF, along with its drawings. These drawings are significantly different than the RV-12 drawing. This is going to be a big project, so Lee will need plenty of help. We plan to start buying parts and tools needed to repair the plane very shortly. Once we have the equipment needed, Lee will call us together for instructions and training. We'll be depending on those who have fabric experience. There will be plenty of sanding and painting, so initially elbow grease will be more important than expertise.

We never did have the planned RAF organization meeting and workday. I think it was overcome by events. In deference to AirVenture, we'll try to restart the project on August 3rd at 8:00 AM.

We have a Signup Genius for LOEFI. Start thinking about where you want to help.

Keep the canopy side up,

Jim Kessler, President EAA Chapter 179 <u>chapter@eaa179.org</u> Chapter Board Meeting Summary, Jul 9, 2024 Joyce Woods, Secretary

Treasurer John DeWitt opened a new savings account so as to generate interest. We will maintain one checking account but handle individual funds via bookkeeping. Scholarship updates were provided by Art Woods, indicating great student progress.

It was decided to add an August 10 Young Eagles event to specifically invite first timers from cancelled 2024 events. We'll limit to 35-40 youth, start and end early anticipating August heat. If you can volunteer, please let Art or Joyce Woods know (pilots and ground volunteers).

The Pietenpol Air Camper restoration project is now in the chapter hangar (RAF), including the drawings, as minimal as they are. Lee Otto will attend the annual Pietenpol gathering at Brodhead, WI next week to network and learn. He'll then go to Oshkosh and consult with potential suppliers. The Board authorized project seed money. Anyone interested to get involved should contact Lee Otto.

We finally received the pedal plane kit this week which is supposed to be a LOEFI 2024 raffle prize. Time may be too short to complete it by then, but Jim Kessler will take the lead to get it started. DEAA students will be invited to help. The first workday will be the morning of July 20 at the RAF hangar. Anyone welcome! Contact Jim Kessler.

A workday is scheduled for Saturday, August 3 to organize the RAF hangar, starting from 0800. Jim Kessler leading. Original plan was to install a pneumatic system but after more discussion, it may be handled differently than previously discussed. There's a need to identify items that should be put in our LOEFI Fly Mart.

LOEFI planning is well underway. Although we've not identified a Chair, key lead roles are filled. Civil Air Patrol is on board. Bands and Food Trucks getting lined up. The Exhibit Hall is moved to the old BCSO hangar. The city maintenance team has begun to prepare for camping and parking. We still need to meet with Bode.

George Young, Mark Wilson, Lance Hunter, and Jim Kessler are helping Janet Aranda with the DEII fly-in for OSH transients on July 19. Should be a fun time, anyone welcome to join in.

We still need a Program Coordinator to identify speakers and organize our monthly gatherings. Let us know if interested!

Joyce Woods, EAA 179 Secretary secretary@eaa179.org

Notes from the Editor George Young

It has been a month now since one of our two signature events took place – *Double Eagle Aviation Academy*, affectionately known as DEAA. A lot of work has gone into this special 1-week program for youngsters 14-17. Based on 10 years of experience, improved each year, the students leave having been introduced to a very wide range of aviation topics. I invite you to read *the <u>Full Report</u>* starting on <u>page 8</u> in this Newsletter.

Many Members plus invited speakers made DEAA a success this year.

- Doug Dingman, Jim Kessler, Kevin Frick, and Joyce Woods made up the lead team.
- Other key folks: Emilio Verastegui, Cynthia Alderete, Alex Martinez (a DEAA graduate himself), yours truly and many more (<u>page 8</u>).
- Then there were the presenters as you page through the full report, check the names on each of the presentations.
- And the pilots who came out Saturday for the Young Eagle flights (page 14).
- To top it off this year, the Air Force from Kirtland visited with two helicopters, a Huey, and an HH-60, and took all the students for a flight; we heard some great stories from them.
- And the students themselves-, they showed interest throughout the week in all of the activities, as you will see in the photos in the <u>Full</u> <u>Report</u>.

And our other signature event, the Land of Enchantment Fly-In, or LOEFI, is on the horizon. Planning and organizational meetings are ongoing; nobody has stepped forward to lead the effort so it is a group of people with experience in the many activities coordinating their respective preparations. Please read the <u>LOEFI Summary of Preparations</u> on page 6.

There are many activities scheduled in the next 3 months, check the <u>Up</u>-<u>coming Events</u> on <u>page 1</u>. One in particular: Janet Aranda, our airport administrator, has organized a special event on Jul 19 to attract pilots to KAEG on their way to Oshkosh. (details on <u>page 16</u>). If you are leaving that day, plan on breakfast before you depart. And there are other events planned.

Those going to Oshkosh – be safe and have a good time (or does it go without saying that you will have a good time?).

George Young Newsletter Editor newsletter@eaa179.org

Late breaking news: Pedal Plane Workday

A late breaking update to LOEFI preparations, a project popular with attendees at LOEFI: the auctioning of a Pedal Plane.,Our member Mike Paxson built one in the past 2 years, 'Tis the Chapter who will build it this year. The kit is now on hand, and Jim Kessler has put out a call for people to help.

He is inviting our DEAA graduates and Chapter Members to come together to build a Staggerwing



Pedal Plane this year. It will be a fun project for everyone:

On July 20th we are planning a workday to continue the construction of a pedal plane. You are invited to help build it. Work will start at 8:00 AM and continue until about 2:00 PM. Show up anytime and stay as long as you like.

We are planning to build the pedal plane for LOEFI again this year. Late shipping has caused a time crunch. We are hoping many hands will make light work.

The kind of plane we will build is attached. There will be some bandsaw work, drilling and some sanding.

If you are available and want to help let me know so I have an idea of how many hands I will have.

If you have any questions please contact me.

Thanks Jim Kessler

Another late news item: Mentions in Sport Aviation

You will find in the July issue of Sport Aviation an article <u>Spreading the</u> <u>Spirit for Seven Decades</u> (pages 78-82). Included on page 82 is a section on *EAA Chapter 179* and an interview with Joyce. And among the photos on pages 78 and 82 - pictures from LOEFI and DEAA. Wow, what great exposure for Chapter 179!!

July Chapter Gathering

June Chapter Gathering—RECAP by Joyce Woods



Tuesday, July 16, 2024 BJ's Restaurant @ Cottonwood Mall

From 5:15 PM – "No host" dinner6:15 PM – Introductions & Presentation

Program: Pietenpol Air Camper Presented by Tom and Lee Baker, Pietenpol owners/builders

Where: BJ's Restaurant and Brewhouse at <u>Cottonwood Mall</u> 10000 Coors Blvd NW, Albuquerque

Tom and Lee have built and owned more than one Pietenpol and will share fantastic photos and their experience. We met them when they came out to fly on the EAA Ford Tri-Motor in April. Old birds attract the best aviation enthusiasts!

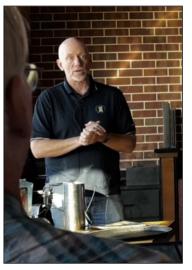


Considering that our chapter is embarking on a Pietenpol restoration project, this video presentation should help us understand what we're undertaking!

Join us to also hear also about plans to get started on our local project.

Directions: North or South bound on Coors Blvd to Cottonwood Mall. Take the Cottonwood Loop to the south end of the parking lot. BJ's is in a separate building.

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. Arrive anytime from 5:15, dinner not required. **We hope to see you there!**



Whenever we have chapter members present for our monthly gatherings, we learn what incredible resources the EAA organization attracts.

In July, member Eric Achen presented "Adventures in Civilian Flight Test" which proved to be no exception! His extensive experience with aircraft manufacturers (including Albuquerque's Eclipse Aviation) plus technical understanding of design and flight characteristics has uniquely qualified him to safely test aircraft design modifications. He reviewed an iterative process for testing each element, one at a time.

Eric shared his personal career story, giv-

ing us a glimpse at the life of a flight test pilot. He explained how he got into the career after serendipitous flight jobs which put him in the right place with the right skills at the right time.

Reviewing past project examples, the importance of his meticulous preparation to assure each flight test could be done safely became apparent. Risk management requires a commitment to safety, incredible planning, discipline and practice, considering all the various emergency scenarios. Multi-faceted aviation skills can come in handy, even including his hot air balloon background!

Thanks Eric for your involvement in our chapter!

Joyce Woods secretary@eaa179.org





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 (in person or remote)</u>. Anyone welcome!

NEXT MEETING

Saturday, July 20; 9:30—11:00 AM

Barry Harper & John DeWitt

imc-club@eaa179.org

IMC Club Coordinators, EAA 179

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/tZ0rceCurzgjG9NfsdGqruK-MVCPYrOWToBY

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

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

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

See you there!



EAA Chapter 179 Newsletter—July 2024 (return to Page 1)

Membership Gwen Walcott, Membership Chair



Seeking New Members

We are seeking new members.

We always welcome new members no matter the time of year.

Please consider joining the 90 plus individuals who are registered as members for 2024.

The dues payments help fund scholarships, pay our national EAA fees and enable the chapter to offer fantastic programs throughout the year.

Annual dues are \$20 for an individual member and \$30 for a family (spouse and children under 18).

Dues paid mid-year are NOT prorated for partial year payments. Also note that separate membership and dues payments are required to the National Organization (<u>https://eaa.org</u>) of which we are a representative part.

To join, simply go online, to <u>https://eaa179.org/membership/</u> where you can submit your dues payment by Paypal or credit card. Or you may send a check (include your name, address, a contact phone number and email address) payable to "EAA Chapter 179" and mail it to:

EAA Chapter 179 Double Eagle II Airport 7401 Atrisco Vista Blvd NW, #179 Albuquerque, NM 87120.

You may also bring cash or a check to one of our Chapter Gatherings and present it to a member of the Board of Directors (any existing chapter member can point them out).

> Gwen Walcott Membership Coordinator membership@eaa179.org

Want to Contribute? Like what we're doing? You Can Help!

We appreciate donations of any amount to our main scholarship fund or specific memorial funds. Chapter 179 is a 501c(3) tax exempt charitable organization.

You may donate online via credit card or PayPal, or send us a check made out to "EAA 179 Scholarship" and send to: EAA 179; 7401 Atrisco Vista Blvd NW #179, Albuquerque, NM 87120".

If desired, you may designate a specific fund including, "Randy & Susie Reimer Memorial Fund", "Doc" Weaver Memorial Leadership Scholarship, or the "Jay Schmitt Memorial Scholarship".

Young Eagles Mike Tolle, Young Eagles Coordinator

Because of weather during the summer months, the Chapter normally doesn't schedule Young Eagles events. Our next regular event is September 7th. Look for registration to be open 2-3 weeks prior. Check <u>our</u> web site for details. Meanwhile, we just scheduled a small **make-up**



event for August 10 and inviting "first timers" who registered for our cancelled 2024 events. If you can help, we need you! Happy Summer everyone.

> Mike Tolle Young Eagles Coordinator youngeagles@eaa179.org

From EAA Headquarters last month :

Dear Jim (Kessler),

Congratulations on reaching a significant milestone for EAA Chapter 179's Young Eagles program! In September of 2023, the chapter officially flew its 5000th Young Eagle! This is a testament to current and former chapter members, and their commitment to sharing the spirit of aviation.

Each June, EAA pulls a list of chapters that have reached a significant Young Eagles milestone in the past year. *100, 500, 1,000, 2,500, 5,000, 10,000, 15,000, 20,000, etc.*

To commemorate your chapter's milestone, EAA is proud to present a custom banner, so that the chapter can proudly display this achievement at your home airport.

The banner will read:

5000 Young Eagles Flown September 2023 Albuquerque, NM

The banner will be available for pick-up from the EAA Blue Barn during EAA AirVenture Oshkosh 2024.

Congratulations again for reaching this chapter milestone! Please let me know if you have any questions.

David Leiting Jr. Eagles Program Manager Experimental Aircraft Association

(Editor: Enough said. For many years, our chapter has continued to stand out among all EAA Chapters. See also on the masthead of this Newsletter the medals that EAA 179 has received.)

LOEFI Preparations Underway! Joyce Woods, Secretary

Land of Enchantment Fly-In (LOEFI) Sept 21, 2024

The LOEFI planning team is met via Zoom and at the airport to consider possible layout changes. The main exhibit hall will be moved to the larger hangar adjacent to the one used in the past. Inside, you may have



toured the Bernalillo County Sheriff's Office (BCSO) helicopter in previous years. We'll have more space for youth activities and Flight SIMs!!

Food trucks from past years are anxious to return, plus new ones attracted! We're hiring live bands, getting posters out, and starting to call for exhibitors. Civil Air Patrol senior members are lining up their cadets and marshalling training as usual. We will support an under the wing camping area in the grass just west of the North tie down area. Aircraft can push back into the grass along the hangar access taxiways. The New Mexico Pilots Association is confirmed to present a safety seminar.

As you are out and about, tell folks about the event. Carry a few of the business sized cards to give away -- thanks to Ron and Debbie Harmon and their printing company (Albuquerque Wholesale Envelope & Paper), we have plenty!

As you visit various airports or if you are heading to Oshkosh – take some cards and invite pilots to bring their planes. That's how the winning Arizona RV-10 was recruited last year. The personal invite is always most effective! Pick them up Tuesday at our gathering OR stop by the RAF hangar. They're on the small workbench on the north wall, along with posters – it's a great time to get them posted at airports or public places.

Be sure to join us — **MARK THE DATE**! Setup Friday is actually a lot of fun, working with chapter comrades. In August, we'll post an online sign up so you can peruse jobs needed, and select where you'd like to volunteer, even if just for a couple hours. *Many hands make light work*!

OR just plan to come out and enjoy the event! As LOEFI has grown, it has also gotten so much better! We've got a super chapter of folks who manage to make it happen year after year.

If you're interested to get in on the planning, let Joyce know to get the Zoom link. Next meeting is Tuesday, August 6, 6:30 – 8:00pm via Zoom. *Anyone invited!*

Joyce Woods Secretary, EAA179 secretary@eaa179.org

Scholarship Update Art Woods, Rowan Phlieger – Scholarship Coordinators

News from a couple of our Scholarship winners: Christian Guerra, 2023 R.C. "Doc" Weaver Memorial Scholarship



Christian is done with all the flying requirements for his Private Pilot Certificate except for his check-ride!

Hot off the press—He passed his Written Exam on July 10, 2024!!!

Congrats Christian!!!

Dominic Martinez, 2024 Ray Aviation Scholarship



Dominic just started flight lessons at Del Sol Aviation this last week! He has had 5 lessons and is a very eager student. He will also be getting his Written Exam done within the next month.

> Rowan Phlieger & Art Woods Scholarships Coordinators scholarships@eaa179.org

Curtis Smith—Honor Flight In the News



Wow—long time member Curtis Smith made a front page photo in an article about the recent Albuquerque Honor Flight in the Albuquerque Journal. He and other veterans were flown to Washington DC for a special recognition.

So glad to see another Vietnam vet honored. Years ago, Curtis presented at our

chapter gathering on his experience being in the Navy and based in Albuquerque.

Here's the article link: <u>Hero's welcome: Dozen gather to meet NM war veterans returning from Honor Flight | Good News | abgjournal.com</u>

KAEG RSAT Meeting – Jul 25 Gerald Valdez, Air Traffic Manger, DEII

Runway incursions remain a serious concern nationally. One important component of our ongoing efforts to improve surface safety at AEG Airport involves conducting a Runway Safety Action Team (RSAT) meeting at least once each year. In conjunction with airport management, we will be conducting a local RSAT meeting on 07/25, 2024. The meeting is scheduled at 1pm MST and will be held virtually via Microsoft Teams. Invite to follow.

The purpose of this RSAT meeting is to unite those individuals and organizations that are actively involved in air traffic operations and movement of aircraft, vehicles and equipment on the Airport Operations Area (AOA). We look for participation from all major airport interests including tenants, fixed base operators, airport operations and maintenance personnel. Participants are asked to help develop recommendations and solutions to enhance surface safety. Those recommendations serve as the foundation for a site-specific Runway Safety Action Plan. You are cordially invited to join us.

Your participation is important, and your input is welcomed. Please RSVP to the Gerald Valdez at AEG@RVAInc.com. Include the name, organization, phone number and email address of those who will be attending.

If you have questions or need more information, please let me know. I can be reached at 505-352-5595 and/or AEG@RVAInc.com.

Best Regards,

Gerald Valdez , Air Traffic Manager, Double Eagle II FCT Robinson Aviation (RVA), Inc.

Double Eagle Aviation Academy, June 3-7, 2024 the Editor

Double Eagle Aviation Academy

DEAA 2024 — the Full Report!

24 students, 57 volunteers, 4 simulators, 4 helicopters, 31 airplanes! 14 Young Eagle pilots!

DEAA, the Double Eagle Aviation Academy, is a one week summer program for youth 14-17 years old, a week of classroom and hands-on activities introduc-

ing them to as many facets of aviation as time will allow. Volunteers from Chapter 179 plus guest speakers bring their experience and knowledge to the classroom, the shop, and the flight line, offering information about airplanes, flying, and career opportunities. The goal of DEAA is to provide introduction to aviation for the students to be able to foresee possibilities for their own future in aviation.

The five days are filled with classroom and hands-on activities. Each day begins with free time to see up close a variety of airplanes and to talk with the owners/pilots. Then follows a mixture of classroom "lessons", speakers from various aviation-related career fields, and various hands-on activities. Thursday is a full day of hands-on activities, introducing facets of aircraft building such as riveting and electrical circuits. Friday is focused on *flying*, that is planning and producing the flight log, a plan for Saturday's Young Eagles flight from KAEG to KBRG (Belen). To complete the week, on Saturday the students fly with our Young Eagles volunteer pilots ... flying <u>their</u> flight plan.

Joyce Woods / Jim Kessler DEAA Co-Chairs <u>deaa@eaa179.org</u>.

DEAA is a "labor of love" for many of our Chapter members and other volunteers who make this event a success each year. The Core Team starts early in the year selecting the dates, publicizing the event, and organizing the application process. With the ball rolling, they review the curriculum, develop the schedule for the week, and line up volunteers (Chapter members and speakers). Then comes logistics: producing and ultimately assembling the student handbooks, establishing the menus and lining up food for snacks and lunches, and getting tables, chairs, audio visual equipment, and even the simulators ready to greet the "future aviators". And then, the these and many other volunteers are there day-by-day to present DEAA to the eager students. And … not to overlook - volunteer pilots whocome out on Saturday to cap of the student's week with a 1:1 flight to Belen (KBRG) and return.

	June 3 Monday	June 4 Tuesday	June 5 Wednesday	June 61	Thursday	June 7 Friday		
8:15							8	
8:30	8:15 - 9:00 AM Pre-Session Aircraft Displays (Weather Permitting)							
8:45		0120 0100741		biopid)e (medi	(101 F 01111(1118)		8	
9:00	0900 DEAA Introduction	0900 Group Photo	0900 Day Introduction	0900 Chile Aircraf	t Display, then split	0900 Day Introduction	9	
9:15	Aviation Alphabet	obe or oup There	or out	8	9:15 Engines		9	
9:30		9:15 Flight Testing Eric Achen	9:15 Drone Careers Mark Chapell	areers Emilio Veraster	Emilio Verastegui	9:15 Engineering Careers Mech/Aero Guy Prevost	9	
9:45	9:30 Aircraft Prefli_1 Will Taylor			9.15	45 min 8		9	
0:00	Small Groups	Break	Break		Avionics	Break	10	
0:15	Break	5	7	Aircraft Building Chile Flight	Kevin Frick	10:15 Navigation 2	10	
10:30	Li Lun	The second s	ruments 10:15 Weight &	2 hrs 30 min	45 min 8	Part I	10	
0:45	10:30 Aerodynamics	10:15 Instruments Six Pack Intro			Transfer Time	Dead Reckoning Mark Sturm	10	
1:00	Jim Kessler Lift	Will Taylor	Mark Thoman		Simulator		1	
11:15	2		2	Instruction		1		
1:30		11:30 Lunch New Mexican	11:30 Lunch - Subs		45 min	11:15 Lunch - Pizza	1	
11:45	11:30 Lunch - Chinese				11:45 Navigation 2	1		
12:00	12:00 Commercial Pilot	12:00 ATC Careers Gerald Valdez		11:45 Lun	ch - Burgers	Part II 9 Prep for Saturday Flights Mark Sturm	13	
12:15	Justin Krueger			12:15 Mainte	5 Maintenance Careers		12	
12:30	3	6	12:30 Communications George Young	Joel S	Joel Stribling		12	
12:45	12:30 Compass	12:30		Charts Emilio Verastegui	42-45 8	12:45 Student Pilot Advice Rowan Phlieger et al	12	
13:00	Headings				12.45		13	
13:15	Joceyln Muniz		Dan Horschel		8		13	
13:30		Break		Avionics			13	
13:45	Break	Tower Visit	Break	Kevin Frick	Aircraft Building Chile Flight	1:30 Putting It All Tog 10 Reflections, Evaluation	13	
4:00		Rotate every 30 min		45 min 8			14	
4:15	2:00 Aviation Weather Kevin Frick	Traffic Pattern			Transfer Time	2 hrs 30 min 3 grps of 4	Break	14
4:30	4	4 Rotate every 30 min	Simulator		2:30 Reception	14		
4:45	2:45 Simulator late	Transfer Time mulator Intro Radio Practice Kessler et al Rotate every 30 min	2:00 - 4:00	Instruction		What's Next	14	
15:00	Jim Kessler et al		Kessler et al Radio Practice Air Porce Visit	45 min	45 min	Family Invited	1	
15:15	Rotate every 3				ement / Helicopter	3:15 Closing Presentation	1	
15:30	3:30 Wrap Up	3:30 Wrap Up		Careers -	- APD Pilot	Cleared for Takeoff!	1	
15:45	Jeopardy	Jeopardy		Jeo	pardy		15	
16:00	4:00 Session End	4:00 Session End	4:00 Session End	4:00 Se	ssion End	4:00 Session End	16	

2024 DEAA Volunteers

Core Team	> Eric Achen	Kevin Grossman	> Lee Otto
> Cynthia Alderete	> Angela Baldonado	Michael Haag	Guy Prevost
Raymond Alderete	> Isabella Baldonado	Evie Haag	> Pedro Rael
> Doug Dingman	> Jude Baldonado	Ron Harmon	Mike Rehberg
 Kevin Frick Pam Kessler 	> Joel Bellevue	Dan Horschel	> Kyle Reinhardt
> Jim Kessler	> Steve Booher	Lance Hunter	John Sharp
> Jon Nystrom	> Doreen Branch	Kevin Killpack	Joel Stribling
> Rowan Phlieger	> Connie Buenafe	> Justin Krueger	> Ken Summers
> Mark Sturm	> Arne Bronson	> Alex Martinez	Mark Thoman
 > Will Taylor > Emilio Verastegui 	> Angelica Cordova	> Jocelyn Muniz	> Gwen Walcott
Mike Wirstrom	> Mark Chappell	> Dan Morse	> Bob Waters
> Art Woods	> Janet Crosby	> Chris Nichols	Gary Williams
> Joyce Woods	> Mike Crosby	David Otero	> Mark Wilson
George Young		> Chris Olson	Kurt Winker

Download the full photo show at: www.eaa179.org



The day began with check-in followed by Joyce's welcome and introductions all around. Then — everyone headed out to the taxiway where half a dozen airplanes were waiting. As their first lesson, pilots shepherded students through a typical preflight inspection and familiarization with flight controls.



Then it was back to the classroom. Topics this day: Aerodymanics, introduction to Navigation (Compass Headings), and Aviation Weather. Scholarship recipient Jocelyn Muniz engaged students to learn compass headings and relation to runway alignment. Justin Krueger, Spirit Airlines pilot shared insight on commercial pilot career paths. Kevin Frick presented weather basics. The day ended with an introduction to Flight Simulators.



EAA Chapter 179 Newsletter—July 2024 (return to Page 1)

Download the full photo show at: www.eaa179.org



Eric Achen

Break

5

10:15 Instruments Six Pack Intro Will Taylor

> 11:30 Lunch New Mexican

12:00 ATC Careers Gerald Valdez

12:30 Communications George Young

Break

Tower Visit Rotate every 30 min

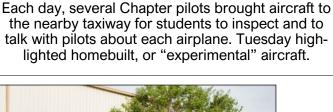
Traffic Pattern Rotate every 30 min

Transfer Time

Radio Practice Rotate every 30 min

3:30 Wrap Up

Jeopardy







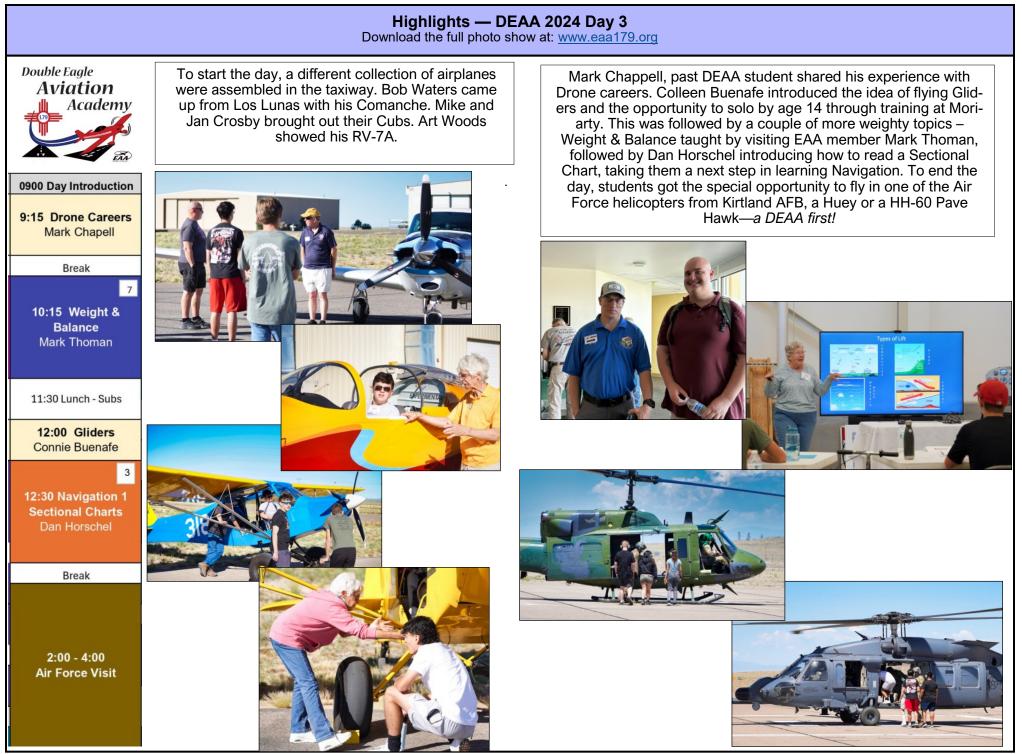


Tuesday included meeting a civilian Flight Test pilot and an introduction to an aircraft instrument panel. After lunch, a young controller, Joel Bellevue explained why he loves being an air traffic controller and his career path. After a review of pilot Communications, 3 groups of students were formed, each making the rounds to practice radio communications, learning the lingo while walking (as though in an airplane in the traffic pattern) around a runway on the hangar floor, and visiting the Double Eagle II control tower.









EAA Chapter 179 Newsletter—July 2024 (return to Page 1)

Download the full photo show at: www.eaa179.org



After viewing a few display aircraft, Chile Flight appeared overhead and taxied up to teach an aircraft building metal workshop. Chile lead, John Nystrom kicked it off with, "Why build?", reviewing reasons to build vs. just buy an airplane. Like \$\$\$\$ and customization. . .

0900 Chile Aircraft Display, then split 8 9:15 Engines Emilio Verastegui 9:15 45 min 8 Avionics Aircraft Building **Kevin Frick** Chile Flight 45 min 8 2 hrs 30 min 3 grps of 4 **Transfer Time** Simulator Instruction 45 min 11:45 Lunch - Burgers 12:15 Maintenance Careers Joel Stribling 12:45 8 12:45 Engines Emilio Verastegui 45 min 8 **Avionics Kevin Frick** Aircraft Building Chile Flight 2 hrs 30 min **Transfer Time** 3 grps of 4 Simulator Instruction 45 min 3:15 Law Enforcement / Helicopter Careers - APD Pilot Jeopardy





Joel Stribling shared his career story, from chapter scholarship recipient and now working as the County Sherriff's dept mechanic. Students rotated through wiring and engine workshops with Kevin Frick, Emilio Verastegui and Will Taylor, plus especially effective 1:1 time on the Flight Simulators, also available during breaks throughout the week. Thanks to Doreen Branch plus John Sharp and Connie Buenafe for the ABQ Soaring Club's glider sim.









EAA Chapter 179 Newsletter—July 2024 (return to Page 1)

Download the full photo show at: www.eaa179.org

Aircraft displays included Mark Wilson's Gyrocopter, NM State Police (Kevin Killpack) and Eclipse pilot Chris Nichols with his Baron. Lunch and snacks all week were organized by Pam Kessler with much help from Cynthia and Raymond Alderete. Raymond also served as staff photographer!

9:15 Engineering Careers Mech/Aero **Guy Prevost** Break 10:15 Navigation 2 Part I 9 Dead Reckoning Mark Sturm

11:15 Lunch - Pizza

Double Eagle

Aviation

0900 Day Introduction

Academv

11:45 Navigation 2 Part II 9 Prep for Saturday Flights Mark Sturm

12:45 Student Pilot Advice Rowan Phlieger et al

1:30 Putting It All Tog 10 Reflections, Evaluations

Break

2:30 Reception What's Next **Family Invited**

3:15 Closing Presentation Cleared for Takeoff!









Guy Prevost, mechanical engineer and pilot shared his love for engineering with a fun design impact demo. Mark Sturm led creation of a NavLog for Saturday flights! NetJets pilots Rowan Phlieger and Kevin Grossman gave a glimpse of commercial pilot careers other than airlines, followed by advice from current chapter scholarship students: Isabella Baldonado, Jocelyn Muniz, and Alex Martinez. After a reception with displays by organizations that can support "what's next?", Rowan plus Cynthia and Raymond (parents of Mia Alderete, 2023 Ray Scholar) spoke to families about benefits of joining our chapter, volunteering, and how we helped them navigate the path to completing a pilot license.







Highlights — DEAA 2024 Day 6 >> Young Eagles Flights

Download the full photo show at: www.eaa179.org



After a sometimes intense week of introductions and exploration of "things aviation", the students went flying. Under the auspices of EAA's *Young Eagles* program, member pilots each took a DEAA student flying. And to make it "more real", they were to fly –the flight plan– that the students had created on Friday.









DEAA Young Eagle Pilots

Thanks to our generous Young Eagle Pilots!

These pilots donate their time, their airplanes and fuel. These and others are involved year-round but provide special (longer) flights for our DEAA students. Here's who flew DEAA students this year:

> Chris Nichols Gary Williams Lee Otto Jim Kessler Mike Rehberg Kyle Reinhardt Mark Sturm Ken Summers Emilio Verastegui Bob Waters Gwen Walcott Kurt Winker Art Woods Joyce Woods

Thanks also go to CABQ and the Double Eagle staff, making the equipment bays available, and ... on the hot days this year providing a huge portable air conditioner that kept the "classroom" comfortable.

DEAA 2024 Student - 1st Solo, Glider

By Stephan James

Dear Chapter 179,

I recently graduated from this year's DEAA aviation academy. It was a truly outstanding experience for me, and helped me tremendously. The academy met, and exceeded, all of my expectations. I was able to learn all about the ground school aspect of flying and meet all manner of aviation professionals.

On the last Saturday, I had the opportunity to fly with Mr. Emilio Verastegui on a Young Eagles flight. During this flight I learned about clearing the sky for traffic, landing patterns, and sectional charts. All of this helped me through the next steps of my flying experiences this summer.



Stephan James, far left) with colleagues at the CAP Glider Academy

knots... and that was all we needed to get back up for solos. All around us, we had cloud cover, but a window had opened up right above the airport.

Having been signed off the day before; I got my chance to solo in the L-23. On my first solo flight, I received an aerotow to 700 feet and pulled the release. I was instructed to fly straight into the pattern so we could rack up as many solos as possible. I flew straight onto downwind, and managed to glide into a slight crosswind. The winds were definitely making things interesting on final, and I had to do a terrifying

I was sincerely looking forward to the recent chapter meeting, unfortunately I was unable to do so... due to attending the Civil Air Patrol Glider Academy in Socorro. There, I had the marvelous opportunity to receive 20 flight lessons in a Super Blanik L-23 glider.

While flying in Socorro, everything I learned at the DEAA came back to me and gave me a welcome boost in my academy class! Everything from the radio lesson, flight controls, aerodynamics, and more I was able to implement during my time flying there.

While at the academy we spent all 11 days at the NMT Campus. There, we would wake up at 4am every day, drive to the Socorro airport, start flying by 6am, and fly as long as the weather was willing to cooperate.

One of the overarching goals of the academy was to get as many students to solo as were able. On the night before the last day, we were all looking out the dorm windows at lightning and rain.

All throughout the week luck was working against us: we had tow plane maintenance issues, density altitude issues, weather extremities, and even a student who threw up in a glider; putting it out of action for a day.

All were convinced that none of us were going to be able to get that chance to solo. On that last day, the wind was just 1 knot over the limit for student solo, but we decided to head to the airport just in case. Finally, our luck changed, and we had a brief window, when the wind dropped 2

slip to not overshoot. With winds out of the south-east, and lined up for runway 15, the glider landed right on center line, and coasted for about 200 feet.

Absolutely; without the lessons you and the other volunteers from EAA taught us at DEAA, I would not have been far enough ahead in my class that my instructor would sign me off to solo this past week. I cannot thank all of you from the chapter enough for hosting and running the event, and being positive and willing to instruct me on all of the tools to fly. I am planning on attending upcoming chapter meetings as often and frequently as my schedule permits.

Attached are a few pictures of my academy.

Thank you all again so very much for the amazing summer you helped me build!

- Stephan James

A Special Note from a DEAA Student Isabella Baldonado



To the Members of EAA Chapter 179:

The Double Eagle Aviation Academy, also known as DEAA, is an incredible opportunity for young people aged 14 to 17 to dive into the captivating world of aviation. As someone who has attended three times, I can confidently say that the program has only gotten better over the years.

To begin with, the DEAA is run by a number of dedicated volunteers who are very passionate about teaching and sharing their knowledge. They go the extra mile to explain complex concepts in a way that's easy to grasp, and show-

case aircraft to help us better understand what we are being taught. It's truly admirable.

Secondly, the program strikes a perfect balance between education and fun. Each class is thoughtfully designed to captivate our minds and keep us focused and excited to learn. They make sure we're not just learning, but also enjoying the journey. Thirdly, the academy embraces aviation as a whole, not just one aspect of it. They bring in speakers from different fields of aviation, such as UAS, Air Traffic Control, and commercial, who share their real-life experiences and give us a glimpse into their professions. It's super helpful and inspiring to hear their stories and learn from their successes.

And lastly, the hidden gems at DEAA. With volunteers and speakers coming from all over the place, we get to hear some truly inspiring tales. Whether it's how they first fell in love with aviation or a thrilling adventure they've had, these stories never fail to motivate us. They show us that hard work pays off and that we can achieve anything we set our minds to.

Parents, mark your calendars for next year's DEAA! It's an opportunity you don't want your aviation-loving kids to miss. They'll get to explore, learn, and be inspired by the wonders of flight. The memories and knowledge gained at the Double Eagle Aviation Academy are absolutely priceless and are sure to leave a lasting impact on any young participant's life.

Isabella Baldonado DEAA Student, Scholarship winner, and Chapter Volunteer Extraordinaire

DEII Summer Fly In "Burque Breakfast Bash" Janet Aranda, KAEG Airport Administrator

Double Eagle II Airport, in Albuquerque, NM will be hosting the <u>DEII Summer Fly In and bur-</u> <u>que breakfast</u> bash on July 19th. This is the first time DEII has done this to try and attract private pilots from all around the west to stop in Albuquerque while making the cross country trip to the AirVenture.

We are rolling out the carpet: Three Sisters Kitchen will be serving breakfast and to-go snack boxes a la New Mexico, have live music, Bode will be offering a .25 cent fuel discount (full service only). We hope to attract pilots to make this a stop-over to remember and a future destination.



Recurring Events for Chapter 179 Check the Newsletter and Web for changes)

Chapter Gatherings

3rd Tuesday evenings, usually at a restaurant in Albuquerque.
 See the current <u>Newsletter</u>
 March – Scholarships, November – Annual Meeting, & 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

Land of Enchantment Fly-In (LOEFI)

A weekend in late September

Double Eagle Aviation Academy (DEAA) First full week in June

Young Eagles Flights

Monthly each spring and fall. Follow our web site and current <u>Newsletter</u> for details.

For Sale: Aircraft Building Tools

Joe Pringle



The kit also includes a 3x Rivet gun. I put the whole set into a shopping cart at Cleveland Aircraft Tools, and the total came to almost \$2,400. I am willing to sell the whole set for \$1,000.

If interested, please call Joe Pringle at 678-595-6717 or eMail me at joseph.pringle@gmail.com.

If you are planning to build an RV, this will give you a great head start and save you a lot of money.

Upcoming Aviation Events (hosted by others) & New Mexico EAA Chapter Activities

A listing of aviation events of interest around New Mexico. If you know of others, please send the information to <u>newsletter@eaa179.org</u>.

Weekly	Lobo Wing of the CAF Lunch, Saturdays at noon (0E0) (hangar at east end of Moriarty Airport, \$7 donation requested)
Monthly	<u>Chapter 555 Pancake Breakfast</u> , 3rd Sundays (KLRU)
Jul 19	DEII Summer Fly In (KAEG, airport hosting)
Jul 13 Sep 14	Los Lunas Chapter 530 Young Eagles Flights (E98) (volunteer pilots and ground support always welcome)
Jul 23-28	EAA AirVenture 2024
Aug 17	Mystic Bluffs Fly In (M56)
Aug 30-Sep 1	<u>Gila Regional Fly-In</u> (T16 - Reserve)
Oct 5—13	Albuquerque Intl Balloon Fiesta
Oct 19-20	Las Cruces Aerospace Expo & Airshow (KLRU)
Oct 20	Los Lunas Chapter 530 Fly-In (E98)
	NMPA's " <u>Upcoming Events</u> " EAA 691's <u>"Upcoming Events"</u>

Support your Chapter Joyce Woods

Proud to be a Member? Want a Chapter 179 shirt?

Two designs available by special order. Contact Joyce at <u>secretary@eaa179.org</u> with your SIZE. Payment due on receipt of shirts. Proceeds benefit our chapter programs.

DEAA T Shirts Design on shirt front \$15 each (men's or women's sizes available, no pockets)



Chapter 179 Polo shirt Gray with embroidered logo on left breast. \$28 each. Add Pocket (\$2) for sizes 2XL and above, add \$2.



General Aviation News (repeat) New Edition of Pilot's Handbook of Aeronautical Knowledge Brandon Fryar FAA FAASTeam Ron and Debbie Harmon FAAST Blast — Week of June 24 - 30, 2024 Dan & Janice Horschel Webinars: Review list of many great topics; most qualify the attendee for WINGS credits. **Reimer Memorial Fund** Go to Seminars & Webinars, select "Show only Webinars", then [Search] Matthew & Kristi Reimer NAFI - Ten Ways To Be Ten Times Safer (online seminar, Jul 17) Pilot Workshops—sign up here to receive these via email Welcome to The Pilot's Tip of the Week (PDFs & videos) (extracts from online courses and manuals) Recent Tips: What Does "Avionics: SET" Really Mean Preparing for an Approach V **PILOT** WORKSHOPS Hypoxia Below teh O2 Altitudes Υ Ш Engine-Out to a Field D н S Webinars – EAA & Aircraft Spruce present a constant flow of Webinars that cover virtually all topics aviation, from building to flying to flight rules. And many gualify you for WINGS Credits. N Check out the schedule; perhaps you will find one or more to your interest. С Ν

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July 2024 NMPA Newsletter - As usual, great articles and news by and ٠ for local pilots

In the News and Other Interesting Topics The Editor ... and you?

Facebook

- New: Student Pilots Group, with many instructional articles
- A new group on Facebook, Fly New Mexico, Dave Otero, Administrator. Posts from group members about pilots and flying activities in New Mexico
- A great Facebook space: Commemorative Air Force •
- Another fascinating Facebook space: National Museum of the U.S. Air Force. •

In case you are traveling

Leisure + Travel - 10 Best Aviation Museums Around the US

Individual Chapter Donors

Gold Level

Joyce Schmitt Lanny Sigler Emilio Verastegui Scott Weaver Art & Joyce Woods

Thank You For Your Support

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

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/newsletters
Membership:	www.eaa179.org/nembership
Membership:	www.eaa179.org/membership
Contacts:	www.eaa179.org/contacts
Facebook:	www.facebook.com/EAA179

SPECIAL NOTE: Facebook for Chapter 179 Lance Hunter, Chapter Publicity

We have created a Facebook Group 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 and Young Eagles and their parents or guardians to join
- Any member of the group can post pictures of their • flights or ground activities

Join: https://www.facebook.com/groups/www.eaa179.org

Lance Hunter Chapter Publicity





Webinars



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)
- <u>1193</u>, 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!
- <u>New Mexico Airstrip Network</u> (NMAN)
- <u>NMDOT Aviation Division</u>
- <u>New Mexico Airport Managers Association</u>
- 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)
- 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)
- <u>Arizona Pilot's Association</u> (& <u>Facebook</u>)
- <u>Colorado Pilots Association</u> (& <u>Facebook</u>)

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
 - 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)
- <u>National Museum of Nuclear Science & History</u>
- US Southwest Soaring Museum (& Facebook)
- Spaceport America
- National Aviation Hall of Fame (nee Air Force Museum)
- <u>National Air and Space Museum</u>
- The Wheels Museum,
- War Eagles Museum, Santa Teresa (KDNA)

