

Albuquerque, NM Chapter 179 Enchanter



**December
2016**

2016 Officers

Area 505 (New Mexico)

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Vice President:

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Todd Blue - 266-1491
tblue@ix.netcom.com

Treasurer:

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Randy Reimer- 792 1857
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Standing Committees

Budget & Finance:

Art Woods, Curtis Smith, Dan
Friedman, & Russ Prina

Membership, Publicity, and Promotions:

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Web Master:

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Young Eagles:

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Scholarship Committee:

Steve Rokicki - 898-6383
Keith & Joy Beasley - 898-0425
keithjoyair@q.com

Storage Locker:

Keith Beasley - 898-0425

Visit Albuquerque EAA Chapter 179 Web Site: www.eaa179.org

Newsletters are at: <http://eaa179.org/newsletters/>

The Web Site for the LOEFI is: <http://www.loefi.com>

Upcoming Events & Chapter Meetings

13 December, Tuesday, EAA Chapter 179 Christmas Party,



6:00 PM at the home of Russ and Margaret Prina, 10812 Anaheim Ave. NE, Albuquerque, NM. Phone: 505 856 6246. This will be a Pot-Luck event, so please bring a dish to pass. Roasted turkey and non- alcoholic beverages will be supplied.

Just bring a salad, side dish or dessert. Optional grab bag gifts (\$15 or less) for those wishing to participate in the exchange. Visitors welcome. The Christmas party will replace our chapter meeting for December, as usual.

B-17 Flying Fortress, "Aluminum Overcast" January 6 - 8, 2017; Double Eagle II Airport

(see info and flyer in this issue)

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From the Editor, Harley Wadsworth

Merry Christmas to all and a Happy New Year!

I want to take this opportunity to again thank all of the folks who contribute articles, pictures, and other content to our newsletter. You make it a great read! And thanks to all the membership for their contributions to our chapter which make it fun and rewarding.

Together, we share and promote our passion for aviation. We make an outreach to young people and encourage them to aspire to achieve great goals.

Keep your propellers turning. -HW



From the President, Will Taylor

After 3 years, this is my last newsletter article as Chapter President and I want to thank all of you for giving me the wonderful opportunity to have served as president. As I will now be switching to my new role as a chapter director I proudly pass the torch to our new 2017 Chapter President Robert (Bob) Richter-Sand! I look forward to the wonderful programs and events our chapter will continue to provide in 2017. Speaking of events for 2017 we will be kicking it off with another visit from the B-17 "Aluminum Overcast" at Double Eagle II Airport January 6-8th! Volunteers are still needed, so if you're interested let us know and sign up!

Reminder that this month's meeting is replaced by the annual chapter Christmas party and it has been pushed up a week to Tuesday, December 13th. The party will once again be graciously hosted by Russ and Margaret Prina. I hope to see you all there! -WT



Rio Grande looking North near Los Lunas



Todd Blue's new airplane

Other NM EAA Chapter Newsletters

EAA 691, the Green Chile Chapter: <http://eaa691.org> <http://www.facebook.com/eaa691>

EAA 555, Triple Nickel Chapter: <http://555.eaachapter.org/>

EAA 251, White Sands Chapter doesn't have a new newsletter.



Photo: Seated from Right to left: Calvin Joyner, Forest Service (FS) Region 3 Regional Forester; John McKenna, RAF President; Amy Lueders, BLM New Mexico State Director; Loren Hatch, NMDOT Deputy Cabinet Secretary; Bob Hudson, NM Airport Managers Association President; Jim Welles, NM Council of Outfitters and Guides (NMCOG) President

Standing from Right to left: Mark Spencer, RAF Public Lands Liaison and Arizona Liaison; Jim Upchurch, FS Region 3 Deputy Regional Forester; Kerrie Romero, NMCOG Executive Director; Joyce Woods, New Mexico Pilots Association (NMPA) VP; Rol Murrow, RAF Board Member; Francisco Valenzuela, FS Region 3 Director of Recreation, Heritage & Wilderness; Steve Summers, New Mexico Aviation Director; Ron Keller, USPA VP and NMPA Board Member; Bill Shuert, NM Aerospace Aviation Association President; Les Nokes, NMPA Board Member; Jerry Donovan, NMPA President; Debby Lucero, BLM Realty Specialist; Kyung Koh Willis, FS Region 3 Recreation Planner; David Hamann, NMPA Backcountry Committee.

Additional partners not pictured: Matt Geisel, NM Economic Development Cabinet Secretary Designee; Rebecca Latham, NM Tourism Dept Cabinet Secretary; Erica Saccoia, AOPA Senior VP; and Jack Reynolds, US Pilots Association President.

New Mexico Airstrip Network Partnership Agreement Signed

It was a momentous day for backcountry and recreational aviation in New Mexico with a joint signing of a Memorandum of Understanding (MOU), formalizing a collaborative partnership. USFS Regional Forester, Calvin Joyner, BLM New Mexico Director, Amy Lueders, NMDOT Deputy Secretary Loren Hatch, Recreational Aviation Foundation (RAF) president, John McKenna, New Mexico Pilots Association (NMPA) president Jerry Donovan, and executives from additional statewide organizations were present to share perspectives on mutual benefits of this agreement.

The New Mexico Airstrip Network (NMAN) steering committee started two years ago to identify airstrips with unrealized recreational potential on BLM, USFS, state, and private lands. The MOU establishes a framework for cooperation to establish and implement a strategy and action plan. “MOUs create an understanding of how we can work together and share roles, responsibilities, and resources to achieve common goals”, said Region 3 Forest Service Director of Recreation, Heritage, and Wilderness, Francisco Valenzuela, when asked about his organization’s involvement.

The NMAN began through a team effort involving the NMDOT Aviation Division, NMPA, and the RAF. Steering committee member and NM Aviation Director, Steve Summers, stated that “NMAN hopes to replicate the similar collaboration achieved in Idaho, which advanced aviation and produced positive economic impact for rural communities throughout the state.”

To illustrate what could be accomplished, Mark Spencer, RAF Arizona Liaison shared a video of volunteer efforts to restore the historic cabin at Double Circle Ranch and restore Grapevine airstrip asphalt. “Volunteer involvement is key to long term success. 83 volunteers from the aviation community turned out to make the Grapevine project happen”, Mark explained.

New Mexico’s aviation volunteer base is growing, through five years of successful NMPA organized work parties

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and fly-ins to the Negrito airstrip in the Gila National Forest, plus private airstrips including Champion Ranch, Murrow Ranch on the Divide, Mystic Bluffs, Whitewater Mesa, and the newly charted Taos – Grant Besley airstrip. Volunteers have moved rocks, installed tie-downs and windsocks, mowed, and cleared brush.

Although New Mexico has a wide range of airstrips that offer excellent recreational opportunities, more could be done to promote aviation assets and tourism, especially as they relate to hunting, fishing, outfitting, hiking, biking, and camping. New Mexico offers unparalleled scenic opportunities combined with a moderate climate and an average of 280 days of sunshine per year. In an open letter, El Paso resident and back country aircraft pilot Brock Benjamin wrote “There are few things that surpass flying right up to your campsite and being in the middle of a national forest looking at the stars that night.”

For more information, visit [New Mexico Airstrip Network](#).



Seasons Greetings! The November Angel Flight Brews and Props fundraiser was a huge success, and Thank YOU to all who participated in the event. AF Outreach Coordinator, Patti Farley did a great job. Not only were significant funds raised to coordinate missions, public awareness was raised as well. Which will lead to more missions to fly.

This event raised \$10,000 with 30 props painted by local artists purchased: two for \$1,000, one for 650, a couple at or near \$500. EAA 179's Susie Reimer and Melissa Moloney were 2 of the artists. Art Tangen was auctioneer.

About 150- 200 attended. 25 volunteers served in various capacities to manage all the logistics. Sponsors included Perry Null Trading, Southwest Airlines, Rio Grande Lions Club, Rio Bravo Brewing Co, Albuquerque the Magazine.

Organizer, Patti Farley secured a Proclamation from City of Albuquerque declaring an Angel Flight Day, and a certificate of appreciation for Command Pilots. Both are displayed in the Bode FBO flight planning area at AEG.

Following this successful event, Patty was nominated for KOB's Pay It 4ward. She was presented with the award a couple days ago. See how surprised she was: <http://www.kob.com/article/12846/> What a great tribute to a dedicated, hard working volunteer!

This update was provided by Art Tangen, New Mexico Angel Flight Wing leader, with edits by Joyce Woods. Art says, “Happy holidays everyone. Thank you for all you do, for the gift of our time, talent and treasure, for putting passenger safety and comfort first.” For anyone interested in getting involved with Angel Flight, contact Art at: a1tangen@hotmail.com

Rewriting Aviation Weather, By Rose Marie Kern

©2016 Rose Marie Kern

Greetings and Happy Holidays to all!

For those of you with more than a passing interest in the weather side of aviation, I thought I would point out that the National Weather Service has just updated the AC 00-45 (Aviation Weather Service order) to version H. This version is significantly different than its predecessor. The NWS has been rampantly making changes as instrumentation and computer technologies leap forward. They have created a plethora of new weather “products” – charts and graphics relevant to aviation.

The document also indicates that many older type charts will be phased out as the newer ones come online. For instance, the traditional Weather Depiction Chart and Constant Pressure Analysis charts are being phased out and replaced with the CVA (Ceiling and Visibility Analysis) and the Upper Air Constant Pressure Level Forecasts

Textual information for AIRMETS and Area Forecasts is being replaced by graphical AIRMETS and Forecasts. The use of graphics has been determined to be more useful to pilots and all the weather products are moving in that direction.

Some of the more interesting highlights include whole new sections devoted to Space Weather analysis and specialized Helicopter weather charts. Extensive revision has been done to sections devoted to Alaska and Hawaii. The order also indicates that a reorganization, and in some cases, re-naming of departments has taken place.

The Radar Section has been gutted and re-written with many new images and descriptions of how radar is depicted and interpreted. It also mentions upcoming radar products still in development. Freezing level graphics are vastly improved and graphical images have been added to show winds aloft information. Radiosonde data and analysis models include SKEW-T diagrams for forecast modeling.

In the past there were many types of textual weather overviews that are now replaced by the Meteorological Impact Statement. The various surface analysis charts are now combined into a Unified Surface Analysis Chart that spans the globe. This model will make it



easier to predict major storm movements and hurricanes.

Pilots will still see any PIREPS entered into the system by ATC or Flight Service, but the database will also show AIREPs. An AIREP is a PIREP in ICAO format that has been automatically entered by equipment onboard an aircraft. The information gives the lat/long of the aircraft and its flight level along with temperature, wind, and turbulence data. Instead of **UA** you will see **ARP** and **UUA** (urgent reports) will be encoded as **ARS**.

The Space Weather Prediction Center will be analyzing weather and processes occurring in the Earth's magnetosphere, ionosphere, and thermosphere. Solar flares, geomagnetic storms and radiation levels can affect GPS navigation and communications. Reports and advisories will describe current and expected activity and possible impacts on the Earth's environment.

The Helicopter Emergency Medical Services (HEMS) tool will display weather conditions for short-distance and low-altitude flights. The tool uses radar, wind and satellite data in such a way as to narrow the forecasts to smaller areas

Finally, the NWS has now joined all the other aviation weather briefing sites by allowing a pilot to overlay his flight path on these weather charts using the Flight Path Tool.

Try out the NWS's new graphical weather charts on their website: www.aviationweather.gov.

You can find **AC 00-45H** in PDF format here:

[http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/0/571BA1B422ABDF6D8625806D006CCC8E?OpenDocument&Highlight=ac 00-45h](http://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/0/571BA1B422ABDF6D8625806D006CCC8E?OpenDocument&Highlight=ac%2000-45h)

Rose Marie Kern has been working in the field of ATC and Aviation Weather for over 33 years. You can send comments and questions to her at author@rosemariekern.com

PS

I'd like to take a moment here and mention that over the past eleven years I have had many pilots (and editors) mention that the information I give is very useful, and they wish they could have it all in one place. As of December my book, *Air to Ground*, will be released. It is an anthology of the articles about Air Traffic Control and Aviation

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Weather I have written through this time which are still relevant.

In addition to those of you with years of experience, it is a good reference for students and handy for CFII's! For more information please visit my website: www.rosemariekern.com

Quick Notes

From: dggrow@q.com [<mailto:dggrow@q.com>]

Sent: Sunday, October 16, 2016 10:25 PM

To: chapter@eaa179.org

Subject: Sport aviation magazines

I have several years of Sport Aviation magazines and want to give them to anyone that would like to have them.

I don't know the exact number or how many years it goes back, but it has to be almost 20 years worth.

They would be free to a truly interested group or individual.

David Grow

EAA Chapter 179 Christmas Party

13 December, Tuesday, 6:00 PM at the home of Russ and Margaret Prina, 10812 Anaheim Ave. NE, Albuquerque, NM. This is a Pot-Luck, so please bring a dish to pass. Roasted turkey and non-alcoholic beverages will be supplied. Just bring a salad, side dish or dessert. Visitors welcome.

As previously, there will be an optional gift exchange (\$15 or less) for those wishing to participate.

Chapter 179 Membership Renewal Time!

I am starting to collect membership dues for 2017 if you want to bring your checkbook (or cash) to the Christmas party or mail it in. \$20 for individual membership, \$30 for family membership. If your contact info and projects haven't changed, you don't need to submit the renewal form. Re-

newal form is on our website: <http://eaa179.org/membership-information/> and is printed on page 11 of this issue. If mailing, send to: EAA Chapter 179; P.O. Box 3583; Albuquerque, NM 87190-3583. Thanks for your ongoing chapter support! Happy December, everyone! Hope you can make it on December 13th!!!!

Joyce Woods Membership, Publicity, Promotion
EAA Chapter 179

Chapter 179 Meeting Minutes

CHAPTER 179 MINUTES FOR NOVEMBER 2016

Call to Order: President Will Taylor called the meeting to order and then turned the meeting over to President elect Bob Richter-Sand. Bob asked for recognition of guest Dan Horschel

Introduction of Guests/ New Members: Bob Richter-Sand called for guests. Dan Horschel was introduced as well as Guest speaker Jim Kessler were introduced.

Presidents Report: Bob Introduced speaker for the evening.

Vice Presidents Report:

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

Treasurers Report: Art Woods no activity.

Membership, Promotion & Publicity: Joyce Woods recognized new membership person as Scott Speire.

Young Eagles: Todd announced that the Young Eagle rally was successful with 62 young persons flown by Ryan Carson, Doug Warwick, Gary Williams, Ken Summers, Susan Larson, Emilio Verastegui, Art Woods, Joyce Woods, Vern Dudley and Bob Waters. Registration and crowd control by George Young, Carol Kromer, Will Taylor, Sandy Waters, and Scott Spiers. It was also noted that Barry Kromer used his plane as a static activity for the youngsters.

Old Business: A suggestion by Rick Richter that there be a committee to reach out to members who are unable to participate in the activities due to age or illness. Possibly a recognition of birthdays etc. This would require adjustment to the membership list to include dates etc.

New Business: Reminder that the Christmas party will be held at the Prina Residence December 13. Membership to still have a gift exchange with \$15.00

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max. suggested.

Meeting was adjourned at 6:30 followed by a presentation by Jim Hessler on the Osprey.

Respectfully Submitted;

Todd Blue -Secretary

**B-17 Flying Fortress, "Aluminum Overcast"
January 6 - 8, 2017; Double Eagle II Airport**



Mark the date! Tell your friends! Book a flight!

We hope you can join us! We're excited to host one of the few flying B-17s in the world, the "Aluminum Overcast", January 6-8, 2017.

This historic airplane helped the Allies achieve victory in WWII stirs memories and stories for anyone stepping inside for a ground tour and especially taking flight. Climbing aboard the 65,000-lb bomber, one steps back in time to the World War II era. Join us and reminisce and appreciate the accomplishments and sacrifices of the greatest generation and this four engine bomber.

GROUND TOURS 2pm - 5pm - tickets available on site: \$10 individual; \$20 family (up to 17), FREE for Veterans, Active Military, and Children under 8

MISSION FLIGHTS 10am - 1pm- [BOOK IN ADVANCE AND SAVE!](#) Give yourself or someone else an unforgettable experience aboard!

B-17 MEMORABILIA available for sale on site. Great gifts!

People of all ages can appreciate the history associated with this airplane. Proceeds from the B-17 tour go towards maintenance and operations and supporting EAA's ambition to help "keep 'em flying". [Download the poster.](#) (see flyer on page 10)

EAA 179 Aviation Scholarships

EAA 179 Aviation Scholarships – applications due Feb 15, 2017 (see flyer on next page)

Donations welcome! It's that time of year - as you sift through all the year-end requests for donations, consider designating a Scholarship donation to EAA Chapter 179. For the past few years, thanks to gracious donors, we've been able to grant four \$1000 aviation scholarships and last year sent two youth to EAA's Air Academy. *We're helping cultivate a next generation of aviators!*

Aviation Scholarships – APPLY NOW! If you are age 25 or under, you are eligible to apply for our scholarship! Funds may be used for aviation education including pilot training, A&P programs, etc. Check our website for details and to download the application: <http://eaa179.org/eaa-chapter-179-scholarships/>

EAA Air Academy Scholarship: In addition, we are accepting applications for a scholarship to attend EAA's Advanced Air Academy in Oshkosh, WI which is July 18 – 26, 2017. This is a week long program for ages 16 – 18. See details and download the 179 Air Academy scholarship application: <http://eaa179.org/eaa-chapter-179-air-academy-scholarship/>

KUDOS to past committee leaders! Joy and Keith Beasley have stepped down after many years leading our Aviation Scholarship Committee. Their tireless efforts have helped many a young aviation enthusiast get their start! On behalf of the chapter where we know nothing happens without the commitment of volunteers like you – THANK YOU to JOY and KEITH! Thanks for your long standing dedicated leadership and service for our Scholarship program, just one among so many other chapter contributions.

New volunteers needed – are you interested in serving on the committee? If so, contact Bob Richter-Sand or Joyce Woods. Duties include promoting the program to potential applicants, participation in selection process, communications with applicants and recipients, and presentation at the March chapter meeting.

Joyce Woods, 179 Board member



Young Eagles, November 12, 2016 at Double Eagle II Airport

Young Eagle rally was successful with 62 young persons flown by Ryan Carson, Doug Warwick, Gary Williams, Ken Summers, Susan Larson, Emilio Verastegui, Art Woods, Joyce Woods, Vern Dudley and Bob Waters. Registration and crowd control by George Young, Carol Kromer, Will Taylor, Sandy Waters, and Scott Spiers. It was also noted that Barry Kromer used his plane as a static activity for the youngsters.



Aviation Students!

We invite you to apply!

AVIATION SCHOLARSHIPS

Albuquerque EAA Chapter 179

Application Deadline: February 15

The Albuquerque Chapter 179 of the Experimental Aircraft Association presents annual scholarship awards to candidates pursuing aviation education including flight training, A&P certification, etc. Applicants must be 25 years of age or less.

The amount and number of grants are determined each year and contingent on available funding. Applications must be received by February 15. Recipients are notified and awarded certificates at the March Chapter meeting. Scholarships are paid directly to the school or instructor on behalf of the student recipient.

To download and print the application, visit our website: www.eaa179.org

Send your completed application to:

EAA Chapter 179
Attn: Scholarship Committee
P.O. Box 3583
Albuquerque, NM 87190



EAA Chapter 179 is a 501c(3) organization. Any and all scholarship donations are greatly appreciated and are TAX DEDUCTIBLE. Send your check payable to "EAA Chapter 179 - Scholarship Fund" to:

EAA Chapter 179; P.O. Box 3583; Albuquerque, NM 87190.



JOIN THE FLIGHT!



Climb aboard EAA's B-17G *Aluminum Overcast* for a once-in-a-lifetime opportunity to fly in one of World War II's most vital aircraft.

Albuquerque, NM Double Eagle II Airport January 6-8, 2017

FLIGHT EXPERIENCE PRICING AND TIMES

Flights available 10 a.m. to 1 p.m.

EAA MEMBERS

\$435

NONMEMBERS

\$475

Includes a FREE one-year EAA membership

**BOOK
in advance
and SAVE!**
B17.org

GROUND TOURS PRICING AND TIMES

Ground tours available 2 to 5 p.m.

INDIVIDUALS

\$10

8 & under
w/paid adult
are FREE

FAMILIES

\$20

Adults and
children up
to age 17

**VETERAN/
ACTIVE MILITARY**

FREE

Visit **B17.org** or call **800-359-6217**.





Albuquerque Chapter 179
Experimental Aircraft Association
Membership Application / Renewal Form

NAME: _____ **Spouse/Partner's Name** _____

Children's names [if family application] _____

Address: _____

City: _____ **STATE:** _____ **ZIP:** _____

Phone: HM: _____ **Cell:** _____

E-mail address(es) _____

EAA # _____ **Expiration Date (MM/YY):** ____/____

Base Airport: _____

Your projects (finished or in progress) and/or aircraft you are currently flying:

Please specify (circle one) if you wish to have a: **INDIVIDUAL** or **FAMILY** membership.

Annual Dues: \$20 individual; \$30 Family

Dues payable by calendar year. The amount is reduced proportionately if you initially join in the second, third, or fourth quarter.

**Please complete this form and mail it with your dues payment (payable to EAA179) to:
EAA Chapter 179; P.O. Box 3583; Albuquerque, NM 87190-3583**

You will receive our chapter newsletter and other communications via e-mail.

*The Experimental Aircraft Association (EAA) was founded in 1953 by a group of people interested in building their own airplanes.
Today, EAA is a community of recreational pilots and builders dedicated to sharing our love of aviation.
The Albuquerque EAA Chapter 179 is a 501c3 tax exempt charitable organization. Tax-ID#: 02-424746-00-4*

Thank you for supporting general aviation!
Come Fly with Us!

On-Going Events

Pilots ABQ Lunch - Every Thursday, Formation Begins at 11:15 AM, at **Monroe's Restaurant** at 6501 Osuna Rd. NE (about four blocks East of San Mateo on the North side of Osuna).

Pilots Mid-Valley Lunch - Every Tuesday, Formation begins at 10:00 AM at Bob Henning's Hangar, 3884 Tammy Ct. SE, Los Lunas, NM, (Mid-Valley Airpark) Ph 865-0007, then onto Lunch at T J's New Mexican Restaurant at 235 Highway 314 SW, Los Lunas at 11:45AM.

Las Cruces/El Paso EAA Chapter #555 Breakfast - Every Third Sunday of the Month, a huge \$6.00 breakfast. Look for the large EAA hangar located at the Las Cruces International Airport (LRU). All pilots and interested others are invited. Consider this for a 'fly out' or for other fun events!

Aviation Historical Society—First Thursday of the Month, Formation begins at 7:00 PM at Bear Canyon Community Center. Contact Harry M. Davidson, Ph (505) 256-7212

EAA Chapter 179

P.O. Box 3583

Albuquerque, NM 87190-3583