

# Albuquerque, NM

## Chapter 179 Enchanter



November  
2013

### 2013 Officers

#### Area 505 (New Mexico)

##### President:

Bob Waters- 366-3107  
bobbywaters60@gmail.com

##### Vice President:

Steve Rokicki - 898-6383  
rokicki@aol.com

##### Secretary:

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

##### Treasurer:

Curtis Smith - 899-2696  
mach2@centurylink.net

##### Directors:

Chuck Swanberg - 269-0166  
chucks@higherspeed.net

Dean Wadsworth - 907-5051  
deanwads@gmail.com

Harley Wadsworth - 453-6369  
harleywads@comcast.net

Laura Tweed -463-4766  
laurafly4@msn.com

Russ Prina - 856-6246  
rfprina@wans.net

### Standing Committees

#### Budget & Finance:

Curtis Smith, Dan Friedman,  
& Russ Prina

#### Promotions, Publicity, & Membership:

Joyce Woods -974-5305  
[chapter@eaal179.org](mailto:chapter@eaal179.org)  
niner3echo@flylonecone.com

#### Newsletter:

Harley Wadsworth 453-6369  
harleywads@comcast.net

#### LOEFI:

Will and Edy Taylor -256-0681  
apdpilot@aol.com

#### Web Master:

Kevin Banks  
KKB2B@hotmail.com

#### Young Eagles:

Todd Blue - 266-1491  
Robert Hartman 565-2743

#### Scholarship Committee:

Steve Rokicki - 898-6383  
Keith & Joy Beasley—898-0425

Visit Albuquerque EAA Chapter 179 Web Site: [www.179.eaachapter.org](http://www.179.eaachapter.org)

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

### Upcoming Events & Chapter Meetings .

**19 Nov, Tuesday, EAA Chapter 179 Meeting,** eat at 5:30 PM, meeting at 6:00PM, Copper Canyon Café, 5455 Gibson SE. Guests and visitors are welcome.

**Double Eagle Aviation Adventure** – The 2014 aviation summer camp will be June 2-7 at Double Eagle Airport! If you are interested in participating on the DEAA planning team or otherwise contributing, please contact Joyce Woods at [chapter@eaal179.org](mailto:chapter@eaal179.org).

*Chapter 179 meetings are on the third Tuesday each month.*



Young Eagles. See page 6...

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## From the Editor, Harley Wadsworth

Chapter 179 election results for 2014 officers and Class III directors are the following:



**President:** Will Taylor

**Vice President:** Robert Richter-Sand (Bob)

**Secretary:** Todd Blue

**Treasurer:** Art Woods

**Class III Directors:** Russ Prina and Joyce Woods

If anyone needs a copy of our By-Laws, please let me know and I will email it to you. HW



*With PhotoShop and a friend with a good printer, e.g. Tandra Hicks, one can jazz up the panel with labels on knobs and switches.*

### GNT Closure:

In case you don't always check NOTAMs, you will be disappointed if you head towards Grants-Milan Municipal Airport, expecting to land. The current NOTAM:

KGNT 11/002 AD AIRPORT CLSD. 07 NOV 23:08 2013 UNTIL 04 DEC 23:59

2013. CREATED: 07 NOV 23:08 2013

So we'll miss the WOW Diner for the rest of this month! JW

## From the President, Bob Waters

You can never say "thank you" enough!



Thank you: To Will Taylor, Bob Richter-Sand, Art and Joyce Woods, and Jason Parker for agreeing to run for chapter officer positions.

Congratulations to Will, Art and Joyce for winning those coveted slots.

Thank you: To Steve Rokicki, Curtis Smith, Chuck Swanberg, and Dean Wadsworth for your service as chapter officers over the last few years. It is your service that helps make the chapter great to be a part of.

Thank you: To Todd Blue, Russ Prina, Laura Tweed, and Harley Wadsworth for continuing on as chapter officers. I expect that we will continue to do great and even greater things in the years to come.

Thank you to all our new members for joining our ranks and helping to make us better by your presence and participation. You will create the future of the chapter!

Thank you to all the chapter members and friends who volunteered for all of our events this year, in planning, in leadership and in execution. This 50th year of the chapter is one to remember. And I expect there will be plenty of opportunities in the coming year to say "yes" again when asked to get involved in one of our fun activities.

After last month's meeting I was able to catch Russ and Margaret Prina, who once again offered their home to us for our annual Christmas party. The date is Tuesday, December 17. As usual, it will be a pot luck, with Russ and Margaret providing the main dish and the rest of us bringing appetizers, sides and deserts. Come to the meeting for additional details. Thanks Russ and Margaret for hosting this fun event.

At this month's meeting, Milo Myers will talk about "Operation Preservation," a project of the Nuclear Museum raise funds to restore and repaint the planes they have to preserve them for to their guests to see up close. I met Milo, who is a docent at the museum, at their booth at the Land of Enchantment Fly In; we had a great time visiting. Thank you Milo for coming to share your work with us. I am sure we will enjoy your presentation. Remember all to bring a guest or two – the person you invite might be our next new member! Happy flying! BW

## Chapter 179 Meeting Minutes

Chapter 179 Meeting Minutes October 15, 2013

Call to Order: President Bob Waters called meeting to order at 6:00PM

Introduction of Guests/New Members by President Waters. Randy Reimer, Susy Reimer, Jerry Joksha and Patti Farley (Guest Speaker)

**Presidents Report:** Bob Waters mentioned that Calendars were available from National. Also reminded all of Thursday session at The Pyramid with a session on "Weather"

**Vice Presidents Report:** Steve Rockiki reported that the Tiger Moth inventory is continuing.

Secretaries Report: Todd Blue asked for approval of September minutes as published in the Newsletter. Motion and seconded. Motion carried.

**Treasurers Report:** Curtis Smith gave the treasurers report. Motion to accept made and seconded . Motion carried.

**Promotion, Publicity & Membership:** Joyce Woods: Joyce indicated that the current membership is 62 members.

**Young Eagles:** Todd Blue thanked the persons who helped with the Chapter 530 Young Eagle event at Mid Valley on September 28th.

Todd indicated that the November 9 Young Eagle Event at Double Eagle will be primarily for the CAP Cadets from Eagle Squadron, Thunderbird Squadron and Hi Desert Squadron as well as Boy Scouts and Girl Scout participants.. Requested pilots and Volunteers for the event.

New forms for registration will be used per National. National EAA indicated that it is now permissible to carry an adult passenger with a Young Eagle. Must sign a pilot Liability Waiver prior to flight. (Todd suggested that this only be allowed in very special occasions. )

**Land of Enchantment:** Will Taylor related the after event meeting information. Will indicated that suggestions for improvement were made for next years' LOEFI. Those at the meeting agreed that next years' event to be held at Double Eagle September 6, 2014.

**Scholarship Report:** Joy Beasley indicated that an application had been received. A motion was made to designate one scholarship to Robert (Bob) Hartman. Scholarship to continue in perpetuity as The Bob Hart-

man Scholarship. Motion carried by unanimous vote.

**Old Business:** President Waters called for the balloting and vote on the Officers/Directors of EAA Chapter 179 for 2014. Ballots were tallied by Harley Wadsworth and Bob Waters.

The new Officers/Directors are PRESIDENT-WILL TAYLOR; VICE PRESIDENT-ROBERT RICHTER-SAND; SECRETARY-TODD BLUE; TREASURER-ART WOODS; DIRECTOR-RUSS PRINA; DIRECTOR JOYCE WOOD

**New Business:** NONE

Motion to adjourn made, seconded and carried. Adjourned at 6:50PM followed by a presentation by Patti Farley on ANGEL FLIGHTS.

Respectfully submitted,

Todd Blue, Secretary

### News from the Scholarship Committee:

Wow! We've already received our first scholarship application for next March, and we're just starting to get fliers out to the aviation community in the area. At October's meeting, the members present passed a motion to designate one of our awards as the Bob Hartman Memorial Scholarship beginning in March, 2014. As always, the quantity and dollar figure for scholarships will be determined by the Board of Directors at the transition of officers meeting in January. This is always contingent on funds available, both currently in the Scholarship Fund and what the Board determines can be allotted from Chapter funds. We would like to remind everybody that all donations made to EAA Chapter 179 Scholarship Fund are tax deductible and are deposited into a separate checking account maintained by the Chapter for scholarships only. As you consider donations you wish to make before the end of the year, we encourage you to keep our Scholarship Fund in mind. JB



## Winter Ice - Beautiful and Deadly, by Rose Marie Kern

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I woke up this morning and looked outside – there was frost on my windshield! My first thought was, wow, it's early this year! (I'm in Arizona) My second thought was, am I ready for this?



Are you ready for this? As pilots you know what needs to be done for your aircraft in the winter. How do you plan for bad weather? What products does the National Weather Service have that can give you a clue as to what to expect?

As temperature begin to slide lower, the probability of airframe icing increases. Suddenly the light fluffy clouds of summertime take on a more sinister aspect. AIRMETs for icing are being issued and the base of the freezing level lowers daily. It is the time of year to check shake out the old manuals to refresh yourself on the effects of icing on your aircraft.

Throughout ATC, specialists are required to review training materials on how icing affects aircraft and what procedures should be used to help the pilot avoid it. When you obtain your briefing from Lockheed Martin flight services, the briefer will make sure you are aware of any weather advisories for icing.

An AIRMET is a weather advisory issued by the National Weather Service (NWS) for hazardous conditions which are expected to affect small to medium sized aircraft – ones with little or no anti-icing capability. SIGMETs warn of reported conditions dangerous to all aircraft.

The other things that will affect your flight are the freezing level and the presence of visible moisture (clouds or rain). Surface observations, satellite photos and radar combine to give you a good mental picture of altitudes and locations to avoid. Pilot reports are a significant aid that can only be offered from one pilot to the others. Weather advisories predict icing, but pilot reports confirm it.

There are four levels of icing as revealed by the NWS: (see the following table)

### Reporting Airframe Icing

INTENSITY	ICE ACCUMULATION
Trace	Ice becomes perceptible. Rate of accumulation slightly greater than rate of sublimation. It is not hazardous even though deicing/anti-icing equipment is not utilized, unless encountered for an extended period of time (over 1 hour).
Light	The rate of accumulation may create a problem if flight is prolonged in this environment (over 1 hour). Occasional use of deicing/anti-icing equipment removes/prevents accumulation. It does not present a problem if the deicing/anti-icing equipment is used.
Moderate	The rate of accumulation is such that even sort encounters become potentially hazardous and use of deicing/anti-icing or diversion is necessary.
Severe	The rate of accumulation is such that deicing/anti-icing equipment fails to reduce or control the hazard. Immediate diversion is necessary.

There are only 3 types of icing: Rime, Clear, and Mixed. About 75% of icing is Rime – it looks like the salt on the lip of a glass of a Margarita – all rough and whitish. Only 10% is clear, but that and the weight make it much deadlier. Clear is heavier and harder to get rid of and you might not notice it at first because it is as clear as glass. The last 15% is Mixed – rime combined with clear.

Most icing occurs between the freezing level to 10 degrees below freezing. Colder than that and you are flying through snow or ice crystals – the precipitation has already taken a form that will slide past the aircraft rather than stick to it.

Since the standard atmospheric lapse rate is 2 degrees per thousand feet, it is normally suggested to descend to escape freezing altitudes. One situation that defies this parameter occurs when an aircraft is flying through an inversion layer near a warm front overriding colder air. Rain falling from the warm layer

*(Continued on page 5)*

### **Winter Ice** (Continued from page 4)

above falls through the colder air below becoming supercooled. An aircraft penetrating the rain is quickly coated in hard clear ice and should either ascend to the warmer air above or turn out of the precipitation quickly.

This scenario is seen frequently in the first half of winter around the Great Lakes. Air slides south from Canada warming and becoming moisture filled from the lakes. As it slides over the frozen surface to the south/southeast the air condenses and releases rain into the colder air mass over the land. Known as Lake Effect icing, it can be a real killer.

There are two places where separate forecasts can give you a hint where to find the freezing level. The AIR-MET covers a large piece of geography so the freezing levels will be equally as broad – it may indicate the freezing level could be anywhere from 9,000 feet MSL to FL180. A better guess will be found in the Winds Aloft text. Each of these is based on a specific point where a radiosonde balloon is released three times a day, so the temperature is based on the last reading combined with other data.

I want to emphasize again the need for PIREPs whenever icing is forecast. All the forecast data is only guesswork, a pilot in the air knows the facts. Please have the following data ready when you call to give a Pilot Report: Location, Type Aircraft, Altitude, Temperature at Altitude, Icing type and intensity.

Make it a habit from November through March to always be aware of freezing levels – if you need help, call flight service for a pilot brief before the flight, or Flight Watch enroute.

Rose Marie Kern has worked in ATC for 30 years. If you'd like to ask her a question she can be reached through

[author@rosemariekern.com](mailto:author@rosemariekern.com)

## **Lindreth Young Eagles**

Chuck Swanberg of EAA Chapter 179 flew Young Eagles in his Ralleye at Lindreth on October 19. He also flew YE at Belen this past weekend. Way to go Chuck!





## Young Eagles, Nov. 9, 2013, KAEG

### Double Eagle Airport (KAEG)

What a great day for the Young Eagles flights. With calm winds and great participation by pilots and volunteers from Chapter 179, Chapter 530, Chapter 691 and the 99's, a super activity at Bode Aviation flew a total of 81 Young Eagles. Participants were lined up at 7:30 waiting for the 8:30 start and they just kept coming. This event was primarily for the CAP Cadets who have been so helpful during the past events. The Cadets were joined by a Boy Scout troop and a Girl Scout Pack as well as general public participants.

My sincere thanks to the pilots who made the Young Eagle event successful. Curtis Smith, Art Woods, Joyce Woods, Harley Wadsworth, Will Taylor, Bob Waters, Chuck Swanberg, Tandra Hicks, Chris Iriarte, Danny O'Neal, Dan Friedman, Doug Warwick, and Susan Larson.

It goes without saying that without ground volunteers the event would not have been successful. Special thanks to Joy & Keith Beasley, Dion & Maxine Lear having the food up and ready throughout the event. Chris Tucker, Susie and Randy Reimer, and Joann Cox handled the registration and Certificates, Toby Friedman with information and good will. Edy Taylor handling the picture taking for the memorial photo with the pilot. Diane Roszowski did double duty as CAP cadet leader as well as assisting with registrations.

NMDOT Aviation was well represented by Ron Keller with a table full of goodies for the Young Eagles.

My personal thanks to Amy Ross, Chapter 691, for the many emails sent to insure pilot participation.

Lastly, to Bode Aviation, my sincere thanks for their unlimited support and use of their facilities.

If I have missed anyone, I apologize, but your efforts were certainly welcome.

To all Thanks.

Todd Blue, Young Eagle Coordinator





## COPPERSTATE FLY-IN, Casa Grande, AZ

Weather was kind to the Copperstate Fly In this year and the busy ramp was evidence! Several formation flight teams appeared including the regular Stearman and Nanchang teams. Arrivals of various RV formation flights added to the fun, along with flybys including a DC-3, an L-39, and a pair of Glassairs. There were activities for everyone with 3 days of presentations, indoor and outdoor vendor exhibits, kids learning and building workshops, and a FlyMart. Winners of aircraft judging aren't posted yet but watch for them at [www.copperstate.org](http://www.copperstate.org).

Mark your calendar! 2014 dates are set for October 23-25, 2014. JW



*A Kitfox that took a cross country trip in a trailer, coming out for sightseeing flights along the way*



*A matched Stearman and Baby Lakes flying together*



*The Arizona CAF Wing's B-25 "Maid in the Shade".*

## 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 Fellowship Christian Reformed Church, 4800 Indian School NE, (just west of San Mateo, across from the Heights YMCA). Contact Harry M. Davidson, Ph (505) 256-7212

**Artesia Breakfast Fly-In:** Free and discount on gas **1st Saturday of every month**. 8:30 till 10:00 a.m. until time change then will be 7:30 til 9:30 a.m. Hope some of you all would like to come

**EAA Chapter 179**

**P.O. Box 3583**

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