

# Albuquerque, NM Chapter 179 Enchanter



September  
2017

## 2017 Officers

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## Standing Committees

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Visit Albuquerque EAA Chapter 179 Web Site: [www.eaa179.org](http://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 .

**September 19, 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.

**Young Eagle Dates for 2017 at KAEG.** February 11, May 6, June 10 (DEAA) students, September 9, and November 4.

*Chapter 179 meetings are on the third Tuesday each month, except in December when replaced by our Christmas Party.*



*LOEFI 2017*

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## From the Editor, Harley Wadsworth

A lot happens for us this time of year. LOEFI was exceptional, again!



Thanks to all of our talented, and dedicated organizers and volunteers.

Everyone of them worked hard to provide our community with a first class event. They do it because they want to share their passion for aviation and love for people. Our aviation scholarships for young aspiring aviators reaps most of the donations from our aviation events. No one in the chapter is paid for their time or personal expenses. This year Chapter 179 was able to give over ten thousand dollars in aviation scholarships.

Thanks also to the sponsors and donators that make the event possible. It is wonderful to visit all of the exhibit booths to learn about local companies and aviation groups. It brings us all closer together, educates us, and revitalizes us.

We also appreciate the car clubs with their beautiful cars. The music provided by live groups was great too.

And the aircraft are the main attraction. We had some beautiful award winning aircraft. And every airplane was, of course, loved.

Be sure to see Dan Horschel's video on LOEFI. There is a link at the start of the LOEFI pictures. Dan also put together a special publication on LOEFI, in this issue. You can also find that link on the first page of the LOEFI pictures

Our September 9 Young Eagles Event will be covered in next months issue.

This is the largest newsletter we have had. Enjoy!

## Chapter 179 Meeting Minutes

### CHAPTER 179 MINUTES FOR AUGUST 15, 2017

**Call to Order:** President Bob Richter-Sand called the meeting to order.

**Introduction of Guests/ New Members:** Bob Richter-Sand called for guests. Guests included Terry & Bob Clack and Meg Fleming.

**Presidents Report: Bob Richter-Sand.** Bob recognized Air Adventure attendees.

Discussion of LOEFI only 1.5 weeks away. Bob indicated need for Fly Mart donations. Prefer dollar items vs junk for the tables. Bob asked for Golden Eagle flight status. Eric Goldman has flown one so far.

**Vice Presidents Report: Gwen Walcott.** Gwen announced the next weeks presentation will be on L3 system.

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

**Treasurers Report: Art Woods.** Art summarized current operating budget and scholarship funds. Art requested approval as submitted. Motion to approve as presented was made, seconded and accepted

**Membership, Promotion & Publicity:** No report.

**Young Eagles: Todd Blue.** Todd indicated next Young Eagle will be September 9. Will advertise after LOEFI. As usual ground volunteers are needed for registration and crowd control.

**LOEFI: Daniel Horschel:** Dan indicated that things are on track. Indicated a request for help. Next LOEFI planning meeting Tuesday, August 22 at Dions. Need help for Friday August 25 set-up at KAEG

**Old Business: None New Business: None**

Meeting was adjourned at 6:30

Respectfully Submitted;

Todd Blue -Secretary

### After meeting Speaker 9-19:

Thomas Lippincott for L3 Avionics, talking about ADS-B products.

### 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.



## THE CLUB JUST FOR INSTRUMENT PILOTS (AND STUDENTS)

### WHEN

September 16, 2017  
9:30-11:00am

### WHERE

Bode Aviation,  
Double Eagle II Airport (KAEG)

Sponsored by



- Discuss IFR video scenarios produced by EAA
- Review IFR regulations
- Get tips from CFII's and other pros
- Find a safety pilot to fly with
- Meet local CFII's who can get you current
- Find out about changes in local ATC procedures or approaches
- Practice flying suggested scenarios in the plane or sim

Qualifies for



FAA Wings Credit!

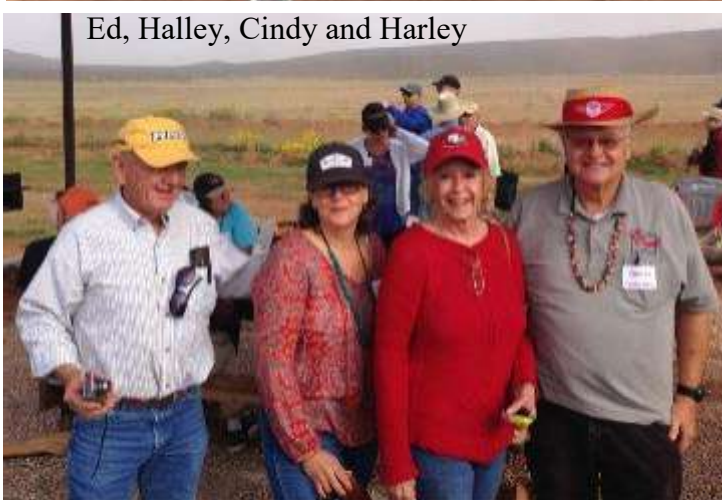
Here's a new opportunity for instrument rated pilots OR students, through an established program now supported by EAA. [Download the flyer.](#)

If you are interested in participating, come to the organizational meeting THIS SATURDAY, September 16, 0930 - 1100 at Bode Aviation at Double Eagle II Airport. Marc Coan of Santa Fe is leading the formation of an area club, with initial support from Albuquerque EAA Chapter 179 and ideas for broader access.

To help Marc with a headcount, or for questions, contact Marc Coan ([Send him an email](#)).



# Mystic Bluffs Fly-In, Sat. Sept. 9, 2017



Ed, Halley, Cindy and Harley







The **Mystic Bluffs Fly-In** was great fun with a delicious Brunch prepared by folks from the local town, Ramah, NM, and Timberlake. It was sponsored by the New Mexico Pilots Association and hosted by airport owner and pilot Cindy Crawford and here daughter Halley.

The weather was perfect and about 30 planes flew in. Pilots dropped flour bags on arrival, and the closest to the target won a prize. It was attended and supported by the nice people from the small town of Ramah, NM and Timberlake. The pilots got Indian Corn Beads and LED Camp Lanterns at registration.



# Captain Laura S. Haines M Mountain Fly-In



**Socorro Municipal Airport (KONM)  
Saturday, 23 September 2017  
8:00 a.m to 2:00 p.m.**

Join us for a day of aviation  
fun and excitement at the  
Tenth Annual  
Captain Laura S. Haines M  
Mountain Fly-In.

Skydivers, homebuilts, vintage  
aircraft, demonstrations, and  
flights for kids. Fun for all!

<https://www.facebook.com/MMountainFlyIn/>

**CITY OF SOCORRO**



Photos by Henry Newton

**ANNOUNCEMENT**

***The New Mexico Aviation Aerospace Association***  
**In conjunction with**  
***White Sands Regional Airport and the***  
***City of Alamogordo***

**Presents the 5th Annual**

**New Mexico Aviation Aerospace Career Expo**

This event focuses on STEM and careers in the Aviation Aerospace field. Students will get to meet with industry leaders, higher education representatives while getting to explore and interact with some of the most advanced Aviation and Aerospace equipment in the world!

**Thursday, October 5th, 2017 9 a.m. – 3 p.m.**  
**White Sands Regional Airport, Alamogordo, NM**

For information or to register visit our website: [www.nmaaa.net](http://www.nmaaa.net)  
Event Contact: [BillShuert360@gmail.com](mailto:BillShuert360@gmail.com)

Note: Participation is Limited and by Invitation only - So please register early.

This is a partial list of our MISSION PARTNERS:

Holloman Air Force Base  
Sandia Aerospace  
Aspen Avionics  
Congressman Steve Pearce  
Lt Governor-John Sanchez

Employer Support of the Guard and Reserve  
Eastern NM University  
CNM  
NM Senator Bill Burt  
Honeywell

Embry-Riddle Aeronautical University  
Alamogordo Chamber of Commerce  
NM State Representative Yvette Herell  
Civil Air Patrol







3167 San Mateo NE, #222 Albuquerque, NM 87110 505.289.0777

EXECUTIVE SUMMARY:

March 1, 2017

### 2017 NM Aviation Aerospace STEM Expo (formally Career Expo)

The New Mexico Aviation Aerospace STEM Expo is an educational/diversity outreach event targeting young adults ages 13-21. This event focuses on science, technology, engineering and mathematics (STEM) while promoting general aviation and the aviation aerospace industry within the state of New Mexico. The Fifth Annual event is Thursday, October 5th, 9 am to 3 pm at the White Sands Regional Airport, Alamogordo, NM.

Our mission is to educate and motivate! Our goal is to provide the necessary outreach to each attendee to help them better understand; general aviation, aerospace industry, opportunities for employment in NM and the vital role of the US Military. We want these students to understand firsthand what they need to do to better prepare themselves academically to pursue a challenging career.

Attendees will directly interact with hands on displays while engaging in activities that feature displays in aviation aerospace, over 50 general aviation aircraft, numerous military aircraft, higher education institutions, science demonstrations, flight training schools and other military displays. The students will also have numerous opportunities to talk with pilots, engineers, educators and industry partners who can tell them what careers are available in the aviation, aerospace and military career fields.

Our 2016 event was a huge success with over 2,400 students attending the event. The diverse culture of our state was well represented by the 28 public schools, 4 charter schools and 2 Native American schools from across the state who attended. To date, over 15,000 New Mexicans have experienced our program. Our program is also the largest STEM/Aviation event in the US.

Based on the interest level and awareness of our program, we are projecting student attendance to be between 3000 and 3500. To see the previous videos go to [www.NMAAA.net](http://www.NMAAA.net).

This event is an educational event with military/civilian aircraft displays and is not considered an open house or air show. We hope to see you there!

// SIGNED//  
WILLIAM P. SHUERT  
President, NMAAA

Hi Joyce,

Hope all is well with you and Art! I wanted to touch base with you about your chapter members participating in the Expo this year. We still have space for a few more aircraft. Lunch will be provided and we are having an ADS-B seminar as well.

Please let your members know we need to hear from them soon for planning purposes. We have over 2,200+ students signed up as well as most of the big name avionics companies will be there on display.

Thanks for your help and we hope to see you there.

Best regards

Bill Shuert

President, NMAAA



# The Future of Flight Service

By Rose Marie Kern

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Although Flight Service communicates with all kinds of aircraft, pilots, and flights, its primary audience is General Aviation, especially VFR aircraft. Unlike the other branches of ATC they have always had to be flexible because their duties changed over time. Today they still give pilot briefings, file flight plans, monitor radios and relay clearances. They still have to have a deep understanding of how weather affects flight. They still initiate search and rescue.

However many of the Flight Service tasks are being reduced or eliminated. Why? Because today's pilots have the technical savvy and the tools to do many things for themselves which used to require FSS actions. Look around, how many of the pilots around you regularly do their own preflight briefings and file flight plans online? How many still use Flight Service for those functions?

17. Effective 3/28/17, callers into the Leidos 1800wxbrief phone got asked a one-time question that was associated with their phone number. The questionnaire included the following two questions:

**1: Are you a pilot with less than 100 hours flight time?**

**2: Do you feel comfortable utilizing an online website or commercial app for your pilot weather briefings?**

A significant percentage of the calls to flight service now come from student pilots and older pilots who prefer to talk to a person rather than use the computer. At one time every pilot across the nation had to call flight service to file flight plans and get weather briefings. Duats opened the gate to pilot's being able to file flight plans themselves and now there are a plethora of options online which enable pilot's to self brief as well. Is this safer? That truly depends on the individual pilot's understanding of meteorology and how weather affects flight.

10 years ago Flight service handled 20,000 pilot briefings per day nationwide. It now handles roughly half that figure, though nationally the statistics are showing more than 40,000 briefings are done online every day.



Many of the Inflight or "Radio" functions of flight service also no longer absolutely require human intervention. A Pilot can activate and cancel his flight plan using his cell phone or other onboard system, and can even direct file Pilot reports. Radio is still there to relay clearances from Center in remote regions, but the technology exists which would allow them to direct dial the appropriate sector at some point in the future.

Radio has always been around when a VFR only pilot gets lost but the need for that service has all but vanished with the advent of GPS. Flight Service Specialists used to record weather broadcasts hourly - HI-WAS, TIBS, and TWEB route recordings were available by phone or over the VOR's. As of 2007 all those functions were automated.

When Flight Service personnel were based at airports around the nation they manually took weather observations then sent the data to the National Weather Service. Today almost every airport in the nation uses automated weather stations which update the observations every 20 minutes.

Traditionally the "D" or distant NOTAMs appended to the end of every briefing were input to the system by Flight Service. Airport managers, parachute jumpers, fireworks operators, and others would call them in. Today, many airport managers, FAA technicians, communications tower operators are using an FAA program called NOTAM Manager or another called ENOTAM to input the data directly – again reducing the need for a flight service interface.

The Search and Rescue portion of Flight Service functions would be almost eliminated if all aircraft have ADS-B. The first two hours of a normal Search and Rescue after a flight plan has gone overdue involve checking air traffic records and airports enroute to see if an aircraft landed short. Right now aircraft if an aircraft is equipped with ADS-B the pilot can register with FSS for Surveillance Enhanced SAR. If they have a flight plan filed and activated, and the aircraft signal stops, an alarm goes off. Within a much shorter period of time the Rescue Coordination Center can launch aircraft to overfly the point at which the computer recorded the last satellite hit.

One of the beauties of Flight Service is that they are the aviation community's most immediate method of communicating with the FAA. 1-800-WXBRIEF is the only published phone number and every pilot has had it memorized since flight school.

Over the past 30 years, Flight Service has gone from almost 400 small stations based at airports across the country to three HUB facilities and two Pilot Briefing only facilities. The number of calls is continuing to reduce as young computer savvy pilots prefer to find

weather and file on the internet.

Flight Service is not going away for awhile yet, but how long it lasts will greatly depend on how much the pilots use the services it provides. An interesting video was made by the FAA about Flight Service planning. It is available at this website: <http://www.faa.gov/tv/?mediaId=1242>.

Check it out.

Rose Marie Kern has worked in ATC for over 33 years. Her book *Air to Ground* covers a lot of information about ATC and Aviation weather for pilots. It can be found at her website [www.rosemariekern.com](http://www.rosemariekern.com).


## Gone West

Many of the long time members of EAA-179 will remember Marcel. He spent the last few years living with this son in Texas, after his wife had passed away and his mental health started to deteriorate.

A Memorial Service was Friday, August 18, 2017.

See Marcel's Obituary at the following link:

<http://www.frenchfunerals.com/notices/Marcel-Roetheli>



September 30, 2017  
8 am to 1 pm  
Lea County Regional Airport in Hobbs, NM

3rd Annual FlyHobbs Aviation Day features planes of all shapes and sizes flown-in by their pilots, local business giveaways, and plenty of great food! Come enjoy what the skies have to offer! Free admission to the public and free food to all pilots. Expecting over 100 aircraft and 4,000 attendees. Come join the fun. <http://flyhobbsaviationday.com/>

## Quick Notes

Hello,

Would you please spread the word that starting on September 9th, every Saturday in September from 8:00 - 2:00, the **Belen Airport will host T & G's Cocina food truck.**

In addition to great fuel prices, pilot's can have a made-to-order Breakfast Burrito, or a Green Chili Cheese Burger for just \$5.00.

Thank you for your support!

Deborah Abingdon

During LOEFI, I was approached at the EAA booth by Ken Harmon, stating he is a retired A&P, IA, CFII. He told me he has a substantial supply of **AN hardware, other building materials and aircraft tools that he would like to donate to our chapter** or where it can best be used in homebuilding and/or aircraft construction education. He would like a couple of us to first go have a look at what he has before arranging to transport the items. He stated he and his wife are only part time residents in New Mexico. I don't recall which part of the year they will be out of state.

Scott Speirer



# Land Of Enchantment Fly-In (LOEFI) 2017



Watch the Fun Fun Fun!!! Video compiled by Daniel Horschel, our fly-in Chairman. Click on the link below:

[https://www.youtube.com/watch?v=nuQr2\\_jJUEA&feature=youtu.be](https://www.youtube.com/watch?v=nuQr2_jJUEA&feature=youtu.be)



We have great write up from Daniel Horschel that documents the fly-in. Please click on the link below to read this 24 page pictorial document:



*Hot Chili*

IR photo by Will Taylor

[http://eaa179.org/wp-content/uploads/2017/09/LOEFINewsletter\\_Standard.pdf](http://eaa179.org/wp-content/uploads/2017/09/LOEFINewsletter_Standard.pdf)





















































































































Kyle Grimm KFDK

Most Distant Fly-In



Kurt Winker

Oldest Aircraft Piper Cub J3-65





## 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, and continues until 11:50. Then onto Lunch at T J's New Mexican Restaurant at 235 Highway 314 SW, Los Lunas.

**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**