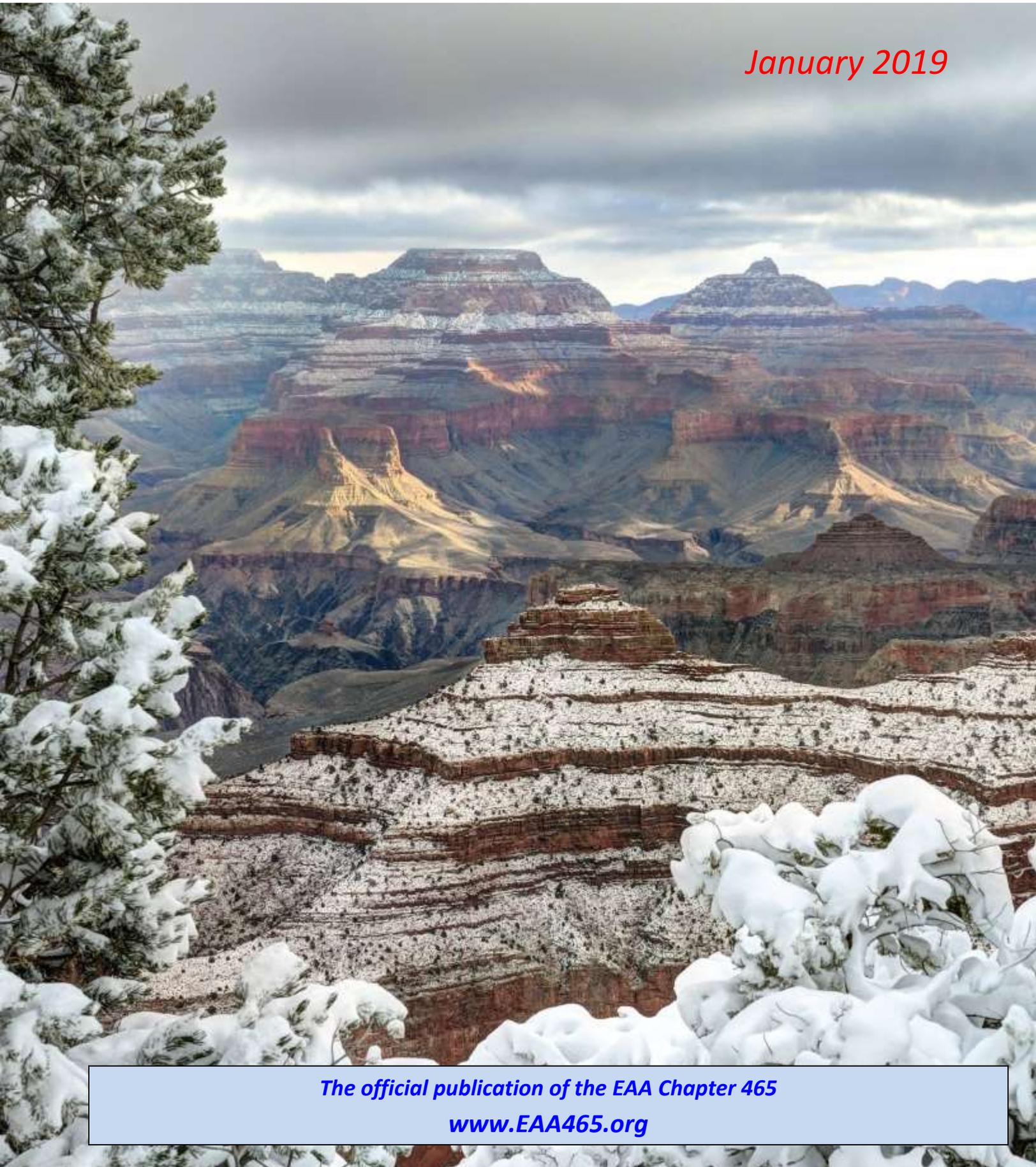




January 2019



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FAA Safety BRIEFING
November/December 2018
Your source for general aviation news and information

Birds of a Different Feather

The Experimental Experience p 9 Ride the Lightning p 14 Flying Light p 22

Federal Aviation Administration faa.gov/news/safety-briefing @FAASafetyBrief

[Click Here](#) to read the Safety Briefing





PRESIDENT'S PERSPECTIVE



Happy New year everyone, and welcome to existing and new members, including but not limited to our new Chapter Vice President Kendall Pearson. We look forward to a great year of sharing aviation pursuits and activities.

Our January Chapter meeting will occur at **7 PM Wednesday 16** at the Paso Robles Air terminal (note the one time change to the third, rather than second, Wednesday of the month). Key activities at the meeting will include:

- A presentation and discussion on Automatic Dependent Surveillance Broadcast (ADS-B) equipment in airplanes which want to fly over 10,000 MSL feet and in Class A B & C airspace (but not below 2,500 AGL). The equipment is required in all aircraft by January 2021. The discussion will be led by Rod Dykhouse (Chapter Safety Advisor), with Dave Nutile (local Avionics Shop owner).
- Discussion of our overall Chapter 2019 program: Please review the attached draft schedule and come with new program ideas you may have !!!!!.
- Planning for a January Chapter Fly-out to Flabob Airport (Riverside CA) Friday January 25. This flyout will be to to a special event at the location of the first EAA Chapter which was started about 50 years ago. It will include a free “bootcamp” which is a one-day cram course hosted by chapters all across the country. These sessions will provide as much training as possible in an 8-hour period and we hope several members will be flying down for the day. If you are interested you should register at <https://www.eaa.org/ea/eaa-chapters/chapter-leadership-training/Chapter%20Leadership%20Boot%20Camp>
- Initial planning to participate in the annual Copperstate AZ flyin Feb 8-10 <https://www.copperstate.org>

Membership Alert: 2019 Membership dues of \$20 for 2019 are due for all adult members January Please send your check to Dale Ramey at 7460 Pinal Ave, Atascadero, 93422 or bring the funds to our January 16 meeting. Note that Young Eagle members retain their free Chapter and National membership until they are 18 years old.

Kendall Pearson was elected as Vice President at our combined Christmas Party/Meeting in December.

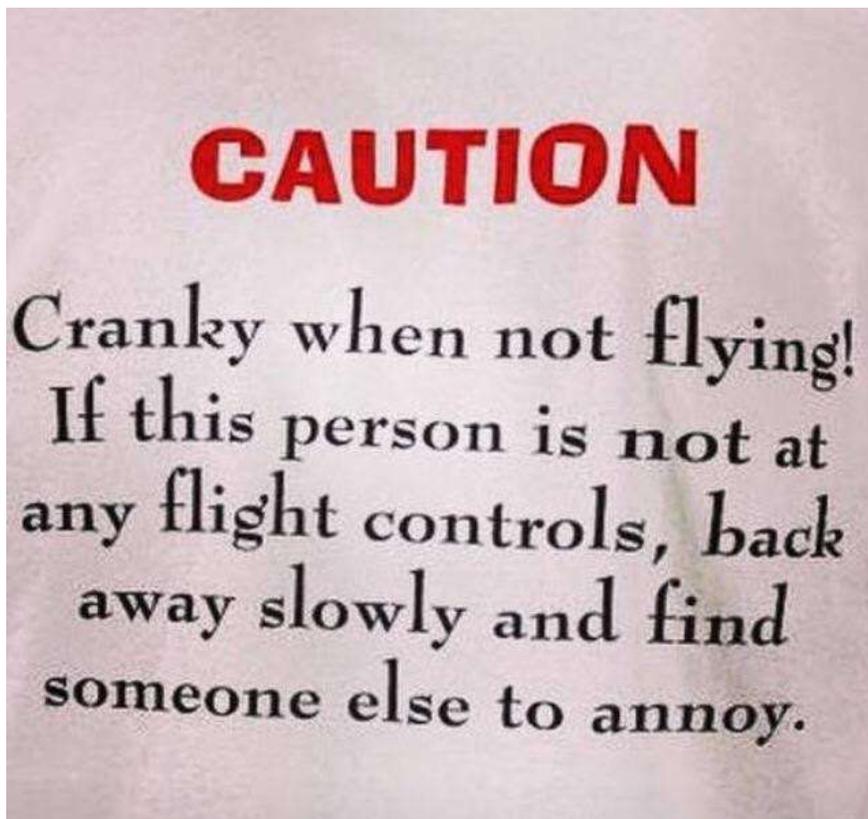
I look forward to working with members on a successfully 2019 !!!!

2019 EAA 465 Program/Meeting Draft Schedule 12/31/2018 /1
Overall Coordinator Dave Fretwell 703 606 0865, Scarcliffe@sbcglobal.net

Date/time)	Activity/ Program	Program Topic	Program Leader	Comments
01/16/7:00 01/25/AM-PM	Regular Chapter Meeting Flabob EAA1 boot camp event	ADSB discussion EAA Chapter Leaders	Rod Dykhouse Dave Fretwell	Dave Nubile will join the discussion Full day event, several members flying down
02/13/7:00 PM 02/9-10	Regular Chapter Meeting Copperstate AZ fly-in KBXX	Neat CA day fly-in trips Good displays-seminars	Phil Corman Need Leader	We want start quarterly Chapter day fly-outs Several members planning to go, 1 overnight
03/13 3/30	Regular Chapter Meeting First Quarterly fly-out	Need program idea Need location	Need Leader Need Leader	Could be for breakfast or Lunch
4/10	Regular Chapter Meeting	Need program idea	Need Leader	
5/18	Young Eagles Annual Event	Young Eagles flights	Bill Siegel	No regular chapter meeting due YE event
6/18 6/22 or 29	Regular Chapter Meeting Quarterly Fly-out	Need Program Idea Need location	Need Leader Need Leader	Could be Breakfast or Lunch
7/10	Regular Chapter Meeting	Need program idea	Need Leader	
8	No regular Chapter meeting	Holiday period	Holiday period	Holiday period
9/11	Regular Chapter Meeting	Need Program Idea	Need Leader	
10	No regular Chapter meeting			Note YE breakfast Nov 2
11/02 AM	Young Eagles Follow-up Breakfast	Young Eagles	Bill Siegel	
12/8 or 15	Annual Chapter Xmas Party	Xmas	Need Leader	Light lunch, silent auction, need location

/1 This schedule will be updated regularly by Dave and will be in the Chapter newsletter and on www.eaa465.org

/2 Program Leaders are responsible to organize details including making contacts with speakers, locations, organizing participants, and providing a description of the program (*i.e. date/times, directions, description, etc.*) to Dave Fretwell & Phil Corman 2 months before event, so information can be put in Chapter newsletter & on website.



TRAFFIC CALLS

When tower or center tells you about other traffic and you do not see the traffic, what is the best response? What is the best response when you spot the traffic?

What does ATC want to hear?

The AIM Pilot Controller Glossary recommends two phrases:

Traffic in Sight – used by pilots to inform a controller that previously issued traffic is in sight.

Negative Contact – used by pilots to inform ATC that previously issued traffic is not in sight. It may be followed by the pilot's request for the controller to provide assistance in avoiding the traffic.

It can help the controller and other aircraft if when you report the traffic, you also specify the type of aircraft. For example, if you say, "Twin Cessna in sight", and the controller is pointing out a single engine, it lets him or her know that you are not looking at the correct aircraft.

That's nice, but . . .



Including the phrases "I have him on TCAS", or "I have him on TIS", doesn't really help the controller, other than letting him or her know that you are looking for the traffic. Using the phrase, "Got him on the fish finder", can indicate that you're either a fishing fanatic or Gomer's cousin.

When you have Electronic contact, this does not relieve the controller of the requirement to have you establish **visual contact**.



November 3, 2018, Young Eagles Breakfast
More Notes and photos by Steve Allen, EAA 465 Chapter Secretary



People began arriving a little after 8:00 AM and around 9:00 Dave Fretwell opened the presentations with a general discussion covering the mission of EAA does to promote general and recreational aviation, and the activities our Chapter is engaged in. He described the speakers that would be making presentations and thanked Tina for the use of her beautiful hanger space for the event. About 45 people participated including 18 young eagles plus their parents EAA Members, Guests and aviation speakers . After the breakfast the following individuals made presentations to the group and answered questions

Bill Siegal: our Chapter Young Eagles coordinator, gave a talk about the general nature of the Young Eagle program, the benefits and related costs. The flight log book which opens the door to some discounted flight lessons and ground school courses. When a YE completes the first two lessons, then the first training flight is paid for by the EAA. Then he went into his background as a Navy combat pilot and his commercial pilot experience. He had a website up on the screen that showed the local and regional aircraft traffic which was impressive. In his talk about his airline experience he illustrated the jobs that are opening in the industry and a focus on the need for pilots as the current generation ages out of the job.

Kendall Pearson gave a talk about his flight school and went over the basic elements of the program. Going over the basics of ground school as well as the written testing.

Robert Shannon from the California Highway Patrol (CHP) talked about his career with the CHP for the last 20 years and his flight experiences which focus primarily on emergency response. They also engage

in surveillance to assist a number of agencies. He also outlined the overall steps in becoming a CHP pilot. He has over 4,500 hours in the air.

Mark Dart went over his experience as an A&P and the field of aircraft maintenance. Emphasizing the importance of maintenance to safe aviation in all of its fields. He discussed the liability issues involved as well as the pay ranges.

Joel Marketello also discussed his career as a United Airlines mechanic and that average salaries get in to the low 6 figures.

George Stetz, a retired airforce colonel talked about his career in the Air Force as an Engineer for the space program. He spent part of his time working on the GPS satellite program. In his discussion he outlined the military path to an aviation career.

Representatives from CalFire discussed Calfire's role in aviation with the Cal Fire aerial contingent. They gave a great discussion about how they coordinate fire suppression efforts using various aircraft and the types of planes involved and the various pilot roles.

Darrel Radford, from our Chapter I wrapped up the presentations by talking about getting involved with aviation for the fun of it. He described building his plane and learning about stunt flying.



Would You Like Some Ice with That?

by Phil Corman

Winter is coming and with it, comes the ice. Ice is the visible killer and to ignore it isn't very good. The only way to safely avoid it, besides staying on the ground, is to fly in VFR conditions or outside of clouds. However, there are other places you can accumulate ice. In the winter, if you're parked on the ramp, you will find frost on your plane almost every morning. Most folks will not depart with too much frost or ice on their wing. But did you know that only a small bit of frost can eliminate enough lift to prevent a successful departure? As little as one grain of frost in .4 sq. inches can ruin your departure. Don't let it. Clear the frost.



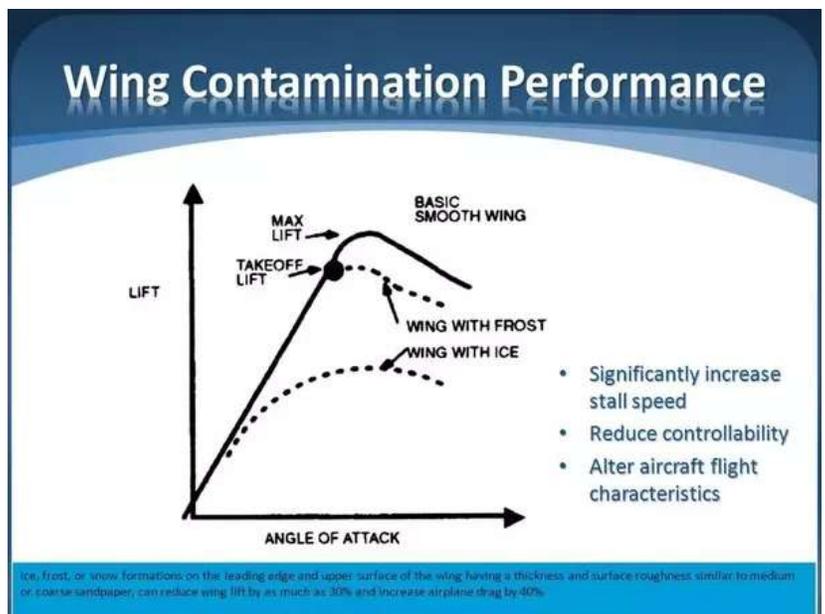
Frost can also reduce the max lift on our wings by up to 30%. Our Mooney wings are Laminar, so that could impact us more significantly.

We are all aware of the Critical Angle of Attack. But did you know, that frost can reduce your critical angle of attack by more than a few degrees?

And because it messes with the otherwise, smooth flow of air over our wing, it can increase drag by as much as 40%.

According to the FAA, almost every accident attributed to frost could have been avoided by removing the frost before the flight. Geez, I hope we get the message.

Fly Fast, Fly Safe!



CLASSIFIED ADS

Zenith Zodiac 601HDS Home Built **REALLY CHEAP FLYING!**

97% Complete, never flown, Taildragger.
Alum. Fuselage, wings & tail, Fiberglass cowl.
Bubble canopy, 2 seater, dual controls.
Upholstered seats & interior.
Primed inside & out, ready for paint.
Vortex Generators – Wings & Tail
Engine – Subaru Stratus, 100 HP /3.5-4 GPH
Installed & Running. 16 gal. Fuel tank
Prop – Warp ground adjustable 3 blade.
Panel – Dynon 10, interfaced with Garmin 295 GPS, PTT
intercom, remote compass, electric trim,
Radio, Transponder, ELT, antennae installed.
Engine group, including Tach, Water Temp, Amps,
Elec. Fuel Gauge. Clock, Circuit breakers.
Strobes, Exterior Position lights.
Predicted Performance – 120 MPH
Climb – 13-1500 F/M, Stall 42 MPH.
Hangared – PRB, CA – 805-215-5785
\$30,000



Young Eagle Dreams



EAA MEMBER BENEFITS

- EAA Insurance - Aircraft, Non-Owner, Renters & Personal
- EAA Aircraft Financing
- EAA Flight Planner
- Discounts on FAA written tests at LaserGrade
- EAA credit card 10% savings from Aircraft Spruce
- You can save 'hundreds – even thousands – of dollars' on your next Jaguar or other Ford car
- You can buy your John Deere Tractor for less money
- EAA has discounts for Hertz and Enterprise car rentals

Interesting EAA Chapter Web Sites

EAA Chapter 1 at Flabob www.eaach1.org

EAA Chapter 7 at Long Beach www.eaa7.org

EAA Chapter 14 at San Diego www.eaa14.org

EAA Chapter 1000 at Muroc www.eaa1000.org

EAA Chapter 170 @SLO www.eaa170.blogspot.com

Paso Robles Airport: www.pasoairport.com



EAA CHAPTER 465

MEMBERSHIP APPLICATION/RENEWAL

Chapter membership dues are \$20/yr. Please help us to verify your personal info.

Members with e-mail will receive the chapter newsletter via e-mail for their review.

Members without e-mail can receive copies of the newsletter by mail or at the meetings.

Return the completed form to the Chapter Treasurer, or any Chapter Officer.

Name: *(Please Print)*

Address *(Number, Street, City, State, Zip)*

Email

Home Phone

Cell Phone

Work Phone

EAA National Membership #

Expiration Date *(MM/YYYY)*

FAA Ratings

Student

Glider

Tailwheel

CFI

A&P

Light Sport

ASEL

Seaplane

CFII

IA

Private

Multi

Instrument

Avionics

Commercial

Rotocraft

Other

ATP

Aircraft Project Underway

I need help in:

Selection Design Construction Other

Aircraft Now Owned

Newsletter: I prefer to receive my newsletter via e-mail , printed via U.S. mail , or at meeting

Special Skills *(That might be helpful to members)*

Payment Enclosed \$20.00

Make checks payable to **EAA Chapter 465**

Please mail this form with payment to:

EAA Chapter 465, c/o Dale Ramey
7460 Pinal Ave, Atascadero, CA 93422

Or bring with you to any Chapter meeting

<http://www.eaa465.org/site/index.php>

