



June 6, 2007
Volume 46
Number 06

Board Meeting:
June 6, 2007 6:30pm

General Meeting:
June 6, 2007 7:30pm

WWW.EAA124.ORG

WWW.CAFEFUNDATION.ORG

SPECIAL ANNOUNCEMENTS:

June 6, 2007 PROGRAM: To be announced at meeting.

TROOP APPRECIATION DAY **Sunday, June 10th 1100 – 1800 hours** **318 South "A" Street, Santa Rosa, CA**

Come in uniform and bring a "memento" of your service days for a photo. Discs of the day's photos will be available to all those participating free of charge. Refreshments will be served. All services and conflicts are welcome. *For info: (707) 235-0304.*

Young Eagles Scheduled for June 16, 2007

We will hold this event as part of the Sonoma County Airport Open House. It should be a lot of fun. Be sure and sign up at the next meeting to help out with this event. Call David Lynch for info: (707) 578-2087.

OIL BUY...OIL BUY...OIL BUY

Bill Massey plans to have an oil buy this month. Please contact him at the June 6th meeting if you'd like to be part of this buy. The last buy will be in September, 2007. Those who can't attend the meeting can call him at (877) 499-0671. All prices are per case, and are inclusive of all taxes and fees:

15W-50	\$64.52 per case
100W	\$42.18 per case
80W	\$42.18 per case



MESSAGE FROM THE FRONT DESK...

JUNE, 2007

Joe Lacchia, President

Reports from our Cloverdale trip on May 5th indicate that it was a large success with many members in attendance. I was unable to attend due to a prior commitment but it sounds as if Mike Heintz and his group put on a great show. The Golden West EAA fly-in is coming up the last weekend in July and might be a candidate for our next Chapter fly-out. We'll talk about that at our June Meeting

The STS Open House and Young Eagles Day planning continues and is on track for June 16th, the day before Father's day. Our chapter will be playing a major role in this activity and we will be looking for help.

We are continuing to look for someone to help and then take over the Young Eagles Program from Dave Lynch. Dave has done a great job the past several years but commitments are calling him elsewhere.

I have listed some of the flying activities coming up in the next few months to help assist in your flight planning. I may have missed a few so if you have any additions to the list bring them to our next meeting for an announcement. We are entering the prime flying time of the year for fly-ins so take advantage of them.

Things coming up:

- | | |
|---|--|
| June 16 th | STS Open House & Young Eagles Flights |
| June 29 th , 30 th & July 1 st | EAA Golden West Fly-in, Marysville CA |
| July 11 th -15 th | Arlington WA – Northwest EAA regional Fly-in |
| July 15 th | Oshkosh departure from Sonoma Skypark |
| July 23 rd -30 th | Oshkosh Air Venture 2007, Oshkosh WI |

Happy Flying,
Joe Lacchia

(Thanks to Jim DuVander for the following:)

The three most common expressions (or famous last words) in aviation are: "Why is it doing that?", "Where are we?" And "Oh S...!"

"Airspeed, altitude and brains. Two are always needed to successfully complete the flight."



EAA Chapter 124 Young Eagles June 16, 2007

(Thanks, David Lynch)

The Experimental Aircraft Association local Chapter 124 will be holding our Young Eagles program at the Charles M. Schulz Sonoma County airport on June 16, 2007 from 9:00 am to 1:00 pm at the base of the control tower at the main terminal as part of the Sonoma County Airport's Open House. If you know any kids who would like a free airplane ride, let them know about it.

Over 1,750 kids have received a free airplane flight and an introduction to aviation in the last 15 years from EAA Chapter 124 Sonoma County. World-wide the EAA has provided over 1.3 million children a chance to learn more about aviation. And this is all thanks to you!

Thank you to all the volunteers who have agreed to help with running this event this year. The ground crew must be at the airport, in the grassy area at the base of the tower, at 8:00 am sharp. At that time I will give assignments to everyone and train the crews for each of the tasks. The airport announced that we would start registering the kids at 8:45 am, so we must get started early. Please be on time.

Pilots, the pilot briefing will be at 8:45 am sharp! You must be at the briefing to fly. The briefing will be by the fuel island south of the tower. Please be sure to be fueled up and parked before 8:45 am. Sonoma Jet Center has generously agreed to provide a fuel discount again to the Young Eagles pilots from their fuel truck. Be sure to let the line person know you are flying with the Young Eagles. Park your aircraft west of the fuel island, but further west than last year, closer to the ramp taxi area. This is because the Open House event will be in the area we used last year. The Young Eagles aircraft parking area will be roped off from the rest of the Open House, and there will be Young Eagles ground crew there to help direct you.

My thanks to everyone for helping make this event so successful every year. I enjoyed working with you.

David Lynch





CAFÉ FOUNDATION PAV CHALLENGE

The CAFE Foundation is continuing to make progress towards the first PAV Challenge in early August 2007. We are very excited about this event as it draws closer, and there has been a lot of excitement as well out in the aviation industry. We currently have seven entrants, but this is expected to change as we draw closer to the entrant deadline of June 1, 2007. We have a number of media reporters scheduled to come to this event. It will be video taped for later broadcast. We will keep you informed of the progress.

The CAFE Foundation has completed the plans for each test:

- Best Takeoff Distance
- Lowest PAV Generated Noise for both Community Noise and Cabin Noise
- Best Handling and Ease of Use
- Fastest Speed
- Most Fuel Efficient

We are now executing each test to ensure that it will work as it was designed, and that the test will fairly and accurately measure the performance of each aircraft. Since there is a total \$250,000 prize we want to ensure the accuracy of the testing. If you would like to help us, please contact anyone from the CAFE foundation, talk to us at the June EAA 124 meeting, or email David Lynch at lynchdavidb@yahoo.com.

The CAFE Foundation has also sponsored an Electric Aircraft Symposium in San Francisco on May 23, 2007. The purpose of this symposium was to start discussions on achieving a successful electric power aircraft. Topics discussed were:

- Introduction: Brien Seeley (NASA PAV Prize competition, program chair and overview)
- Keynote address: Richard Heinberg (Author of 3 books on peak oil and renewable energy imperatives)
- "Capability Based Electric Aircraft Systems" by Mark Moore (NASA Langley's Personal Air Vehicle program manager)
- "A Look at Safe, Quiet, Clean, Economical Personal Travel by Air" by Dr. Paul MacCready
- "The Electric PAV—Near Term Performance" by Brien Seeley (President, CAFE Foundation)
- "High Lift Technology - Wind Turbine Technology" by C.P. (Case) van Dam (Dept of Mechanical and Aeronautical Engineering, University of California - Davis)
- "Fuel Cell powered Electric Aircraft - the Energy Challenge" by Jim Dunn (Expert; fuel cells, batteries, solar capture and ultra-capacitors)
- "Boeing Studies Related to a Future, Flight Based, Personal Transportation System" by Richard Jones (Boeing, flight controls specialist)
- "Small, Efficient Bio-fueled Engines" by Greg Stevenson (NASA STTR bio-fuel engines)
- "Automotive Hybrid Experience Applied to Electric Aircraft Design" by James C. Paul, (Senior Engineer and Business Development Manager, Ricardo, Inc.)

Sympathetic members of the science-oriented media and aviation press were invited to this invitation-only small meeting. This symposium was very successful. The article and discussions were excellent. I expect that we will hear more about this in the near future.



THE FLYING MARKET

Schellville Antique Escadrille

The Schellville Antique Escadrille meets at noon every 2nd Saturday of each month (except June) at the Sonoma Vintage Aero (George Dray) hangar at the Sonoma Valley Airport. No-host BBQ follows. Aircraft display – noon to 4pm.

Sonoma Skypark EAA 1268

Sonoma Skypark EAA 1268 meets at 7pm on the 2nd Tuesday night of each month at Sonoma Skypark, hangar N-3. Dinner is served (\$5) and business meeting/program follows. Provides “Historical Aircraft Display” Days. Contact Darrel Jones 707-996-4494 for info.

**EAA CHAPTER 124
2007 OFFICERS AND BOARD MEMBERS:**

President:

Joe Lacchia (07/08) (707) 824-2891

Vice President:

Mike Tovani (06/07) (707) 838-1891

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Steve Fredericks (07/08) (707) 829-1214

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David Lynch (707) 538-2531

Flight Advisor:

CJ Stephens (707) 523-4352



May 2, 2007 Board Meeting:

President Joe Lacchia called the Board Meeting to order at 6:30 P.M.

Joe Lacchia, Pres.	P	Charles Nelson, Board	P
Mike Tovani, VP	P	Dennis McGuire, Board	P
Steve Fredericks, Sec	P	Brian Cluer, Board	P
John Whitehouse, Treas.	P	Ken Vaughn, Board	P
Larry Rengstorf, Facilities	P	Joe Wiegand, Board	P
Ray Shipway, Board	P	Donna Turrentine, Newsletter	P

Minutes: Minutes from prior meeting were moved, seconded and approved.

Treasurer’s Report: John Whitehouse reported on activity for the month, submitted statements on finances and parking fee collections, and reported that investments are doing well. Report was moved, seconded and approved.

Lease: Bob Gutteridge reported that they are starting to get into details in the negotiations with the airport staff. The committee is working hard to control our costs.

New business: Fly out for this month will be to Quality Sport Planes in Cloverdale. May 5 is the date. Last month’s fly out was to Schelleville, Joe Lacchia was the only one to turn out.

The Board directed the Secretary to get a letter off to Bill Kainu in regards to his C-150 that is in “the boneyard”.

The Airport Manager’s Office held an organizing meeting for the upcoming Open House. Joe Lacchia attended for Steve Fredericks. The event date is June 16 from 8:00 A.M. to 4:00 P.M. The chapter will be hosting a young eagle event and an informational booth.

Rosters are available for pickup.

Mike Tovani is investigating the antique aircraft tax exemption. He is looking into whether the chapter should either log entries or issue certificates of attendance for chapter events.

Young Eagles: Ray and Sher Shipway are considering taking over the coordinator’s position from David Lynch. Ray says they are busy people so if anyone else is interested feel free to bump them.

Respectfully submitted,
Steve Fredericks, Secretary



May 2, 2007 General Meeting:

President Joe Lacchia called the General Meeting to order at 7:30 P.M. 60 members were present.

Minutes: Minutes from previous General Membership meeting were approved.

Treasurer's Report: John Whitehouse reported on activity for the month, submitted statements on finances and parking fee collections. The Chapter Rosters are available for pickup, they will not be mailed. A big "thank you" is extended to Ali Massey for compiling the data and handling the printing again this year. The report was moved, seconded and approved.

General: May 5, Quality Sport Plane's will be hosting an open house. This will also be the Zenith Regional Fly-In.

June 16 is the Sonoma County Airport Open House. The event runs from 8:00 A.M. to 4:00 P.M. The Chapter will have a booth to educate the public as to who we are and will be hosting a Young Eagle's event. Please contact Steve Fredericks if you can work the booth or David Lynch if you can help out at Young Eagle's.

Young Eagle's: David Lynch is organizing this year's Young Eagle's event at the Sonoma County Airport Open House. At last year's Open House the Young Eagle's were the big draw. This created much goodwill for the chapter. Please come out and volunteer some time if you can. David asks that Ground Crew show up at 8:00 for their briefing. Pilots are requested at 8:45. Please coordinate with David before filling up so you can get the fuel discount.

Facilities: Larry Rengstorf knows of a 2500 square foot hangar that is available. The rent will be \$1500 per month. Let Larry know if you need the contact information.

Lease Committee: Bob Gutteridge reports that the committee has had another meeting with the County. John Merget is the representative for the County. Bob says he has a good feeling as to how things are going.

Newsletter: Joe Lacchia would like to remind everyone that articles are requested and welcome.

Tech Counselors: Bob Gutteridge reports that he has hung the engine on his project. This has converted his taildragger to a nosedragger.

Kevin Quirk has inspected a RV-8 and a RV-9 down in Petaluma. Ralph Curran's RV-6A is complete. It just missed flying before tonight's meeting.

Builder's reports: Rolf Unternaehrer has flown off the required 40 hours in his RV-6.

David Lynch reported problems with landing gear installation on his RV-8. This has been one of the few problem areas with the kit to date.

Ray and Sher Shipway are rebuilding a Quicksilver MX. They will be re-licensing it as a Light Sport Aircraft.

CAFE: If you wish to see the upcoming PAV Challenge from the airport side of the fence, you will have to work for the privilege. Only CAFE staff and volunteers will be allowed inside the gates due to security reasons. For more information on how you can help see the CAFE website. www.cafefoundation.org.

Thanks to Dale Wittman for cooking again. Dale would like to thank Joe Lacchia for buying food for the BBQ dinner, Donna Turrentine for prepping the veggies, all who helped with the cooking and especially those who participated with the clean up.

Respectfully submitted,
Steve Fredericks, Secretary