



The Flying Wire

**Chapter 124
Experimental Aircraft Association**

**June 6, 2012
Volume 51 Number 6**

**Board Meeting
June 6, 2012 - 5:30 pm**

**General Meeting
June 6, 2012 - 7:00 pm**

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www.EAA124.org

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EAA Chapter 124
5550 Windsor Road
Windsor, CA 95492

June 6, 2012 Program

“John and Larry go to Washington” – John Whitehouse and Larry Rengstorf

John Whitehouse and Larry Rengstorf will talk about their trip to Washington DC, including the Smithsonian National Air & Space Museum, The Garber Restoration Facility, and the new Udvar-Hazy wing of the National Air and Space Museum Annex at Dulles Airport. This should be worth seeing. Join us!

Events Calendar

Please send us info about upcoming events!

Bob Gutteridge and I would like to keep everyone informed about local and regional events, so send us information if you have it!

Bob Gutteridge: bob_gutteridge@pacbell.net

John Palmerlee: jbpalm@sonic.net

Upcoming Events

June 7-8: LSA Repairman course – Corning, CA

June 8-10: Golden West Regional fly-in, Yuba County Airport (MYV). **EAA 124 participating in inter-chapter A/C Judging** - Contact Wayne Cook

June 23: Watsonville Fly-In Pancake Breakfast, Chapter 119

July 7: EAA 119 Young Eagles, Watsonville

July 7: *Thunder in the Sky* Airshow, Auburn Airport

July 7: Truckee Tahoe Air Fair & Family Festival

July 11: Chapter 124 Special Meeting date after July 4. *Aviation Archeology* with Craig Fuller.

July 14-15: Electrical & Avionics Workshop, Watsonville

July 21: Young Eagles Flights, Tracy Airport

July 23-29: AirVenture Oshkosh 2012

July 7: EAA 119 Young Eagles, Watsonville

August 18-19: Wings Over Wine Country Airshow at STS. Click [Here](#) for information.

Saturdays – Noon to 1:30pm BBQ at Sonoma Skypark, Chapter 1268

EAA Chapter 124 - 50th Celebration

(just some notes by John Palmerlee)

We finally did it! EAA Chapter 124 celebrated it's 50th anniversary in style – huge tent, great food, Dixieland band (but nobody danced!). Great show of airplanes and trophies, and several of our chapter founders were there to celebrate.

Thanks to many volunteers who put in hours of work, the EAA facility looked great and we partied in style.

Team Steadfast was there selling Tee shirts in front of the very stately beast herself, and members and friends brought a few dozen aircraft ranging from a Legal Eagle to a P-51. It was a veritable Fly-In! There were also some cars and motorcycles to catch your eye.

Liz Cook and team prepared an excellent chicken and tri-tip meal that fed us like kings – in fact, the 150 or so that attended ate like 300 kings according to Liz (I sure ate like 300).

Some of the founding and very early chapter members were there – and we got to hear some great tales of years gone by. Members like Tom Wasson, Jerry Rice, Bud Waldo, Remo Galleazzi, Henry Beadle, Ray Foreaker, Sandy Beer (Art's widow), and Eric Peterson (and others) showed us a thing or two, including a couple of Oshkosh grand champion trophies!

David Lynch, who is struggling with cancer, was there to receive his “Chocks” for the project he just recently finished – a very nice RV-8A. David had a team of Chapter 124 “Angels” to help with completion details just before the event. Everyone hopes he will be able to fly it!

I forgot to ask Larry Rengstorf if he saw any TSA folks wandering around... but if they were, I bet they had a great time too (Imagine crashing a party filled with that many patriotic aviation lovers!).

(Thanks, Ron Alvestal for the pictures on page 2)



Fly Mart

Help Wanted: Building a discontinued Falcon 80% build kit, complete. Seeking experienced Falcon Builders for support. [Raymond Hillcrest](#) (707)-963-9281. Angwin Airport.

For Sale: (4-12) RV 6 kit and engine \$25,000. Fuselage is a factory built Quick build. All wings, empennage, control surfaces and some other items are built. Engine was removed from a certified plane in Santa Rosa due to airframe corrosion. The engine is a O320 A2B Lycon rebuild with 250 hours. Has all airframe kit parts except finishing kit. Steve Barnes (707) 972-3582

Wing Rack: (2-12) Free to anyone who can use it. Built for an RV-9A wing, but should work for other RVs or perhaps other wings as well. Call John Swanstrom 758-9017 or Email John at: john.swanstrom@agilent.com

For Sale: Beautiful, flying RV8A. Retired pilot no longer flying this aircraft he built, wants to sell or partner and keep handling the maintenance. Flexible, great opportunity! Picture: click [Here](#). Call Richard: **367-0891**, or email rmjohnson32@comcast.net

For Sale: RV6A - Half partnership available. See it [Here](#). Call Chris Wallner at **364-1195**

For Sale: Partially Built Spacewalker 2 project (1930's open cockpit trainer replica). Wings complete less covering, Fuselage factory welded. No Motor. Must See! Call Ted Baggett: **823-5325**

For Sale: Easy Eagle project – Airframe and 3 out of 4 wings are finished, with accessories: wheels, brakes, VW adapter, starter (and more). Price Negotiable. Fuselage Picture [Here](#). See [Great Plains Site](#) for more info. Call Bob Ferguson: **539-5665**

For Sale: RV8 - Two partners looking for a third. 90hrs on the plane now. New Superior IO360, full IFR panel many nice mods. Price mid 30s. Email: [Carl von Doymi](#) Call: **(415)845-6448**

For Sale: Matco Parking Brake model PV-1 plus adapters. Never used. David Lynch **578-2087**

For Sale: 1946 Aeronca 11AC Chief in very good condition. Light sport, fun flyer! Mode C exempt. Contact Kirk Wilder at **895-2949**. Flyer at the following link: [Aeronca Chief Flyer](#)

For Sale: Starduster Too, SA-300. Beautiful! \$30,000 Cloverdale. Contact Monique Boucher **490-4270**, monique@dewittjones.com Flyer link: [Starduster Too Flyer](#)

For Sale: Hangar for sale at Rogers Field (O05) Chester, CA. 43X40' – half of a back-to-back duplex. Click [HERE](#) for a flyer.

News/Notes From the Editor...

July Meeting Program: Aviation Archeology – Craig Fuller
(Thanks for the early notice, Gail Vann!)

How do you figure out what happened, and what you can learn from it, when the crash is so old most people have forgotten all about it? These questions led Craig Fuller to create his own Master's degree path: Aviation Archeology.

Craig's fascination with WWII aircraft began in his early teens when he initiated correspondence with WWII ace flyers and then helped Jim duVander restore his Navy N3N warplane. During those years Craig began to investigate local wartime crash sites of P38's and P'39's along with years of volunteering for PCAM. A degree from Embry Riddle University was followed by service as flight instructor at Arizona State University before returning to Sonoma County.

On **Wednesday, July 11** Craig will share some of his fascinating experiences with us. Be sure to be there - the second Wednesday of July (the first Wednesday is July 4).

First Space Viewing of Venus Transit by a Human Being

Venus will be passing in front of the sun this Tuesday and Wednesday, which won't happen again until 2117, and has never been seen before by the human eye from space. Astronaut Don Petit is preparing to view and photograph the event on June 5th, and will be the first to do so, ever.

With proper visual protection, we will be able to see a small black dot pass very slowly over the face of the sun. A higher level

of filtration is needed when in orbit, but photographic images will be more well defined than we can see here on earth.

Safe filters for land lubbers include welder's glass shade #14 or special metalized solar filters that block about 99.999% of the infrared, visual and UV radiation from the sun (not CD's or candy wrappers).

Trivia – Doolittle: 1st Blind Takeoff & Landing, Tokyo Raid

On September 24, 1929, Jimmy Doolittle became the first pilot to take off, fly and land an airplane using instruments alone, without a view outside the cockpit, being completely covered in canvas. He helped develop, and was then the first to test, the now universally used artificial horizon and directional gyroscope. He later received the Harmon Trophy for conducting the experiments.

Doolittle used a combination of gyroscopic instruments, radio navigation and a highly sensitive Kollsman altimeter to take off, return to the airport and land without reference outside the cockpit. He evidently landed with a small bounce, but otherwise without mishap.

Doolittle was famous for many aviation feats and military missions, particularly the historic Tokyo raid in which he led a squadron of 16 B-25B's over Tokyo in response to the bombing of Pearl Harbor. [Here is a link](#) with more information.

Doolittle was local to California. He was born in Alameda, and his mother was from Humboldt County.



Wing Tips

Editor's Note: *I'm trying this out as a spot for short tips from members about flying and maintaining aircraft. Please send the little tidbits you've learned and I'll stick them in here. Let's share what we know! If you don't like the name, then give me another one :-)*

There are Screws and then there are Screws!

Sheet metal screws used on GA aircraft typically come in two types. Stainless Screw kits you buy for specific aircraft ship with some of both, so be careful about the application.

Type A screws have a pointed tip and coarser thread pitch – designed for fabric and interior work. The point helps penetrate fabric, but is not fun when a hand snags against it during inspections or repairs. The coarse thread does not align properly with tinnerman nut-plates, making the Type A a bad match for many inspection covers and fairings.

Type B screws have a finer pitch that matches tinnermans, and a blunt point that makes it more suitable for work where your hands will frequent.

With Plastic airframe parts on modern homebuilts, if you are tapping directly into plastic with a sheet metal screw (of either type), be sure to keep using the same type after removal. Using different thread pitches will erode the hole, shortening its life.

Also, when replacing a screw that is threaded into plastic, first gently reverse the screw until it settles into the thread slot made during the last installation (feel a soft clunk). This ensures you will not be creating a new thread in the plastic each time the screw is removed and replaced, and will extend the life of the plastic part.

“There's nothing stronger than the heart of a volunteer”

- Jimmy Doolittle

EAA Chapter 124 Board Meeting Minutes

May 2, 2012

(Austin Rennard, Secretary)

EAA 124 Board Meeting Minutes May 2, 2012

Called to order 5:41pm by Wayne Cook

Thank you Liz for another fantastic dinner!

Attendance: Wayne Cook, Mike Tovani, Austin Rennard, Larry Rengstorf, Ray Shipway, Jason Wildman, Kevin Quirk, Tim Peterson, Gail Vann, Mark Tuma, and guests Liz Cook and Bob Gutteridge.

Cloverdale Open House & Young Eagles Saturday May 5th

Thank you to those who have helped clean up in preparation for the 50th Celebration. Another clean up date on 5/12/12.

Second board meeting to be held Thursday May 10, 2012 at 6pm.

Adjourned 6:31pm by Wayne Cook.

EAA Chapter 124 General Meeting Minutes

May 2, 2012

(thanks, Jim Boyer)

EAA Chapter 124 Minutes May 2, 2012 General Meeting

President Wayne Cook called the meeting to order at 7:34PM.

Thanked cook and shoppers for the fine dinner.

Wayne introduced David Lynch who built his RV-8A in 7 ½ years. David said he had flown tailwheel aircraft and didn't feel the need to continue to do so that's why he built the 8A. His RV-8A is ready for the first flight but since his cancer has returned he will be getting some new chemo and feels the need to sell the RV-8A.

Guests were welcomed, those present were Clive Weston Sausalito and Nolan Stimple nlnstimple@hotmail.com, Santa Rosa.

Minutes for April 4, 2012 were approved.

Treasurer John Whitehouse gave a 2 month report; passed around the parking list and gave a status report.

Facilities Larry Rengstorft said he was mowing hay for 5 days. Larry gave a great report about his visit to Smithsonian Museum. Talked about his volunteer appreciation letter and read it to the meeting. Volunteers gave 616,047 hours service to the museum.

Vice-President Mike Tovani said the rosters were printed and

available for the members tonight.

CAFE: Wayne cook talked about the Electric Airplane Symposium at Flamingo Hotel last week. Experts present to discuss their research; several battery developers were there, propeller people, many different areas were covered. The Era of Electric Flight has definitely arrived.

Young Eagles Ray and Sher Shipway reminded everyone of the Young Eagles flight day at the Cloverdale airport on the next Saturday, May 5th. Need pilots and ground crew helpers; please be there by 7:45 - 8AM.

Newsletter Editor John Palmerlee mentioned the chapter newsletter had been sent to EAA National and was mentioned in their newsletter to the chapters. Extra copies of the current newsletter are available on the desk in front of the clubroom. If you have any builders tips or flymart items send the information to John.

Bob Gutteridge presented checks for those who have finished building an airplane. Reminded everyone that Golden West Fly-in had invited 7 chapters to bring 5 airplanes each for judging. Best score chapter gets a \$250 prize. June 10th at 8 to 9AM arrival time, free entrance to airshow for pilots and passenger, free breakfast.

Chapter 124 50th Anniversary May 19th 10AM to 4PM. Josh at Sonoma Jet Center made a contribution to help cover the costs. Work day May 12th and a setup day on May 18th at the chapter to get ready.

Builders Reports: Jim DuVander talked about do not make any changes to a certified airplane. He had changed the gas tank necks and caps to a flush type and had to remove and replace them with the standard type for his airplane. Now working on a 1934 Ford truck.

Les Goldner has an electric motor now for his electric motor glider. He has also figured out how to solder multiple batteries. Planning a trip to Idaho in July this summer and wanted to know if anyone wanted to fly along with him.

Doug Dugger talked about the Cloverdale Open House and Zenith fly-in next Saturday May 5th. BBQ will be available.

Meeting stopped for a short break before Steve Barnes talked about some of his flying adventures.

Respectfully, Jim Boyer acting secretary.

Jim Boyer acting secretary

Chapter 124 Contact Information

President: Wayne Cook (11/12) (707) 217-4439
Vice President: Mike Tovani (10/11) (707) 321-2740
Secretary: Austin Rennard (10/11) (707) 326-4452
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Board: Ray Shipway (11/12) (415) 999-0949
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Jason Wildman (12/13) (707) 523-4361
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Facilities Committee:

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Technical Counselors:

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Jerry Rice (707) 431-0206
Kevin Quirk (707) 539-8589
Doug Dugger (530) 526-4997
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Flight Advisers: CJ Stephens (707) 523-4352

Newsletter Editor, Webmaster: jbpalm@sonic.net

John Palmerlee (707) 566-8560

Young Eagles: Sher & Ray Shipway (415) 999-0949

Librarian: Walt Ferris (415) 482-8331

EAA Chapter 124 5550 Windsor Road Windsor, CA 95492

Meetings are held on the first Wednesday of each month at 7:00 pm. FOOD (\$5) AND SOCIALIZING (free) from 6:15 to 7:00pm. EVERYONE IS WELCOME!

Directions: The site is located on the west side of Sonoma County Airport. Take the Shiloh Road exit from Highway 101 in northern Santa Rosa. Turn left at the stop light (west) and continue to a "T" intersection. Turn left again and follow the road to the EAA sign on the left.

Members are invited to submit articles of interest. You will be notified whether or not an article will appear in the current issue.

Please email articles to: john@eaa124.org
or mail to: John Palmerlee
1209 Hexem Avenue
Santa Rosa, CA 95404

Deadline for newsletter submissions is the 20th of each month. Articles submitted after that date will be included in the newsletter at the discretion of the editor. All articles are copyrighted. To reproduce any article, please contact the editor.

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