

The Flying Wire



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Chapter 124 Experimental Aircraft Association

Volume 60 Number 12
December 1, 2021

Board Meeting - 5:30 pm

Dinner - 6:30 pm Potluck or \$10

General Meeting - 7:00 pm

www.EAA124.org

www.CafeFoundation.org

www.EAA.org

EAA Chapter 124
5550 Windsor Road
Windsor, CA 95492

--- Mail ---
PO Box 6192
Santa Rosa, CA 95406

In Person Chapter Meeting

[Current CDC Guidelines](#) Describe how fully vaccinated folks can feel safe doing things they have not done while trying to stay safe from Covid. Common sense, masks, distancing and fresh air still offer a reduction in risk, which as pilots we can all appreciate.

December 1, 2021 Program

John Whitehouse: Safari West

The talk is about what John does at Safari West, a local wildlife preserve containing over 900 animals, mostly African.

Potluck Dinner Menu: December Dinner is Pot Luck - Roast Ham will be provided. Each of you bring something else to add to the spread. We've had delicious dinners in the past!!! Any questions, please check with Sam at SamWerback@earthlink.net. If you forget or absolutely cannot think of anything to bring then donate \$10 to support the ham purchase!

Events Calendar

Please send info about upcoming events!

Bob Gutteridge: bob_gutteridge@pacbell.net

Stuart Deal: eaal24newsletter@sonic.net

Spread Out And Fly Right

Future watching by Stuart Deal

While in some visions of the future, cities will get denser and transportation will be by train or automated three dimensional elevators, an alternate trend is taking shape that uses current technologies and avoids the dangers of enabling automated bomb delivery. There are lots of jobs that do not require a physical presence to perform. I know because I have one.

After recently watching a video about an Australian web developer living and working remotely, for international clients, in the city of Chiang Mai in Thailand, it seems that with enough high speed internet access, people may have choices about where to live that might not require much transportation. While many businesses need a physical plant, more and more those physical plants are moving to places where land (and possibly life) is cheap. I know because the place I am working now is moving to Texas. Instead of paying to live there, say with an income tax, it appears that they will pay you to live there as you have a "right to work" there (possibly in the shade of a water tower).

You could argue that every company or worker that moves to the open spaces makes it less necessary to build houses or industrial parks or transportation in densely populated areas. While people who can make a living over a wire may raise the prices of real estate out in the boonies and tick off the long time residents my thinking is that they would start enjoying the open spaces and want their own runway, since I think that would be great. This is where remote work and the art of aircraft maintenance might overlap.

I notice that a huge number of the aircraft homebuilders that put videos on YouTube do it from some stretch of land where there is room to put a runway. Sharing such a runway would make it more affordable and might avoid the problem of neighbors that complain. Such a hub might attract some services like a chef that cooks foods grown on surrounding farmland or a security guard/paramedic/airplane mechanic supported by the needs of remote workers. If people bring their own money or have it delivered by electronic pipeline, transportation by currently available airplanes would allow a remote, somewhat self sufficient

lifestyle that could quickly connect with the rest of the world.

There are some different types of land that might make this spreading out possible. There is the desert and the fertile plains. Wooded or mountainous areas might not be a good fit for this approach. In the desert, solar power is usually more available, so that would be a logical source of energy that would require land and some sort of cooperative investment. Water is usually the issue in the desert, so water storage and energy storage might be combined or an evaporative water recycling could be used. That with some hydroponic farming and a desert location might be more hospitable. None of these is a revolutionary use of technology, but the up front investment to make this work would probably require some sort of “cookie cutter” pattern that would lower startup costs. If you have a few thousand adopters, it might help enable folks to cut the cord and head out of town.

Similar thoughts could apply out in the plains but subsistence farming might be easier, therefore cheaper. For folks that struggle to keep a farm, renting space to city folks looking for low cost facilities might be an economic boon that would give them something to do with the wind energy they can produce without needing a transmission line to take the power to a city. To use the power where it is generated instead of building huge transmission lines you can charge electric airplanes and let them move services out to the places where people need them or move people to services that don’t travel well.

While I think making predictions about what the future will be is a risky business, it is much easier to register what is happening today. My feeling is that, at this point in time, mistrust is built into our society. The one permanent thing about our regulatory system is that it is based on the personal responsibility of pilots. Loading people into trains is way less complicated than an automated aircraft and much less trust intensive. My guess would be that complete flight automation will remain a weapon of war and space travel for a very long time. It is likely that social realities of young families will require some interdependence on neighbors and extended families making a strong pressure toward population density, but there is a pressure in the opposite direction trying to lower the cost of living.

While we can put energy into making aviation a central part of the lifestyle picture, it is money and available personal time that probably have the most influence on whether pilots colonize the boonies. If people have the financial freedom to roam far and wide, and they want to see it all from the cockpit of an aircraft, it may become popular and create a market for sharing renewable energy without building huge and expensive power transmission lines. You may note that when third world countries get phone systems these days, they are all cellular since they skip the step of putting copper wire everywhere. This leapfrog approach would be nice to see in a large country such as ours. Battery charging based on local renewable power sources might become more practical if there are more and more electric cars.

Technologies that can change the world based on the preferences and actions of individuals seem more likely to move forward than technologies that require massive political acceptance to even be tested. Large and small electric aircraft, with more and more simplified controls, hopping from local power source to power source, carrying people and things with a new freedom brought by a more and more digital economy seems like it could augment the current land based highways and railways. If things turn out this way, it would probably help reduce the mistrust in our society, because people might be more accepting of people from far away if they benefit by selling them locally “grown” energy.

Fly Mart

Please send changes to aaa124newsletter@sonic.net

Your ad here (5-21)

What you have for sale and how to reach you

707-555-1234

YourEmail@YourISP.com



(Reprinted with permission of John L Hart FLP)

News / Notes From the Editor

John Whitehouse requested a call out for someone willing to help customize our new website. I have the initial framework established, I just need someone to help make it our own.

It is not difficult, little to no coding required. It would be very easy for someone who was worked with document production, like using Word, for example.

Looking to make it relevant to our chapter, and update it as news and contributions come along.

Interesting Aviation Links

(Thanks YouTube)

SST Documentary [Click Here](#)

Dornier Twin [Click Here](#)

EAA Chapter 124 Board Meeting Minutes

November 3, 2021

Meeting Convened- 5:30

Members in attendance:

Marlon Young (President) Ben Barker (Vice President) John Whitehouse (Treasurer) David Franco (Secretary) Dominic Cerneglio, Dan Steinhoff, Mike Fenn, Larry Rengstorf, Brien Seely, Bob Gutteridge.

(Future board members in attendance, Karl Grimm, John Fritsch, Kevin Quirk, Tim Petersen)

Approval of the the prior meeting minutes- The amended minutes were approved. The amendment pertains to the P-CAM loaner airplane proposal vote. The amendment reads: Two members voted to accept the aircraft, six members voted to not accept the aircraft and the motion failed to pass.

Motorhome- No progress

Zenith Project- No progress

PayPal Briefing- Most issues have been resolved. It takes two days for actual funds to transfer.

Website- Most features seem to be functional by a member interested in graphics and web publishing should be recruited.

Board Member Nomination Status- The prospective members of the board are present, and were briefed on how the panel of prospective board members will be presented to the general membership for a vote. The new board candidates, Karl Grimm, John Fritsch, Kevin Quirk, Tim Petersen were introduced to the board.

Chapter Insurance Policy- A policy has been secured to cover our liability exposure; further inquiry was need to assure all our hangar space was included.

Ray Scholarship- Ben Barker volunteered to head the grant application for the \$10,000 scholarship being offered through EAA

national. Potential recipients of the grant should be suggested for the board's consideration.

Treasurer's Report- The chapter ran a slight surplus this month, due to the fact, tie-downs and hangar spaces are largely paid up.

Facilities Report- A new motion sensing light has been added to the main clubhouse hangar door. The ruts adjacent to the access road will soon be repaired. Marlon reported that the paving of the access road is in the final process of county approval.

Outgoing President Briefing Letter- Marlon outlined areas he thinks are important to address going forward. He believes a person needs to head our media presence more effectively. He also believes that the CAFE hangar needs to be utilized in support our core purpose. Progress on the Zenith projects needs to be actively organized going forward. Marlon believes that the recent relocation of Prop-Jet, has the potential of being positive, but care must be taken when addressing concerns. The Young Eagles program will need a lead going forward. Marlon expressed great appreciation for all the efforts Josh Hochberg has made in support of the program in recent years. The amendment of the bylaws is an area that will need to be addressed in the coming year.

December Program- John Whitehouse

EAA Chapter 124 General Meeting Minutes November 3, 2021

EAA Chapter 124 November 3, 2021 General Meeting
Minutes

Meeting Convened- 7:15 pm

Marlon Young (President) welcomed all in attendance and announced the election of a slate of nominees for the board. The purpose of the election was to get the board membership term

cycles back on track after being disordered by the extension of some terms due to COVID 19 considerations. A random chance method (Names drawn from a hat) was presented to determine which of the four members would serve a one year term- the others would serve two year terms. The slate of board nominees presented for the general membership's consideration were: Tim Petersen, Kevin Quirk, John Fritsch and Karl Grimm. The two open officer's positions included on the slate of nominees named Dan Steinhoff as the prospective president and John Whitehouse as treasurer. The officers will serve two year terms.

The chapter President solicited nominations for alternative candidates from the floor. None were offered.

The general membership then elected the slate of nominees by voice vote. No opposition votes were noted from the floor. It was determined by random selection hat John Fritsch would serve a one year term on the board.

Let the record reflect that a membership quorum was present for the vote. (The minimum required quorum number was exceeded by four members.)

Treasurer's Announcement- John Whitehouse announced that dues can now be made online through Paypal.

Build Reports- Mike Tovani shared photos and details related to the delivery of his Rans S-21 Outbound kit. He has inventoried the items and is eagerly looking forward to completing his build project.

Presentation Program- Urban Air Mobility

Brien Seely presented a thorough outline of the challenges and opportunities relating to urban air personal transportation aircraft. He defined the tight engineering constraints

that will bind future development of future urban air mobility solutions. His talk outlined the urgent need for innovation in this sector. The two drivers for urban air transport solutions are: an already overburdened surface transport system, and our pressing need for CO2 reductions. In order to maximize the potential benefits, Brien Seely described a system of airports that would be located within six minutes of people's homes. This critical number ensures the greatest time savings and aims at broadening rider participation. It is his belief the challenges of noise reduction and high per unit cost of such air mobility devices can be surmounted.

He went on to outlined the deficiencies of rotor craft and explained that performance constraints dictate that future air mobility devices will likely be fixed wing high performance designs.

Meeting Adjourned- 9:00 pm



Dornier DO-28D Sky Servant

Chapter 124 Contact Information

President: Marlon Young (19/20) (707) 479-9994
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Secretary: Dave Franco (20/21) (707) 494-4259
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Bob Gutteridge (19/20) (707) 539-5188
Brien Seeley (19) (707) 526-3925
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Facilities Chairman: Larry Rengstorf (20/21) (707) 575-0331

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Librarian:

Walt Ferris	(415) 482-8331
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EAA Chapter 124**5550 Windsor Road****Windsor, CA 95492**

Chapter meetings are held on the first Wednesday of each month at 7:00 pm. FOOD (\$7 sometimes \$10) AND SOCIALIZING (free) from 6:15 to 7:00 pm. 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: eaal24newsletter@sonic.net

or mail to: Stuart Deal
430 Secretariat Ct
Santa Rosa, CA 95401

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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