



The Intrepid Airmen



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UPCOMING EVENTS

July Chapter Meeting

Saturday, July 6. Santa Clara at Von Raesfelds' house.

July 7 - July 13. Arlington Fly-In, Arlington, Washington. For details check "arlingtonflyin.org".

Chapter 62 Board Meeting

July 11 at 7:30 PM in the Terminal Building, all welcome.

July 20. Fly-Out to visit Catto Propellers in Calaveras County.

August 8. General Meeting. This is the General Meeting that follows AirVenture and the Arlington Fly-In. We are counting on the members who attended to show us some photographs and comment on those things they found interesting.

July Event

Don & Joclyne Von Raesfeld, barbecue at their house in Santa Clara.

Don and Joclyne Von Raesfeld are hosting the Chapter's afternoon barbecue at their house in Santa Clara. The address is 930 Monroe Street in Santa Clara, and the start time is 2 PM. We're looking forward to seeing everyone there. Generally, there is plenty of parking right next to the Von Raesfeld's house.



We should have a photo of Joclyne, too.

Thanks Don and Joclyne!



EAA Chapter 62's July meeting will be at the Von Raesfeld's in Santa Clara.

2:00 PM General Meeting / BBQ begins

Editor's / VP's Notes

by Mark Wainwright

This has nothing to do with flying, but the Wainwrights enjoyed a very happy event in June: our son Max earned his PhD in Particle and Theoretical Physics at U.C. Santa Cruz. Max will be staying there for a post doctoral year. Way to go, Max!



Not your editor

Here's a short follow-up on the Catto Props fly-out: it is still scheduled for July 20 and so far we have two pilots (tentatively) committed: Wolfgang Polak and John Castner. That should give us two-to-three available seats for passengers.

The Chapter has had a second successful Young Eagles event, this time at Reid Hillview. Due to budget cutbacks and God-knows-what, there was no Airport Day as planned, so the turnout was especially good. Congratulations to Russ Todd and everyone who helped.

While writing this I received an email from eBay stating that we have a winner for the Jack Bowlus V-6 Ford engine. The Chapter will be \$900 richer (before transaction costs) and Jack will presumably be happy to have the engine out of his facility. It's a good result for everyone.

Zdravko Podolski has written that there will be a memorial for Al Cermak at the Aerodynamic hangar on July 27th at 4 PM. Please let the staff at Aerodynamic know if you will be able to attend so they can plan for the proper number of people. Unfortunately, I will be out of town.



GP-4 at South County

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Seats available for travel to Oshkosh

by Mark Wainwright

Bob Gorman is leaving Livermore on a Cessna 210 Turbo and there is one, and possibly another seat available. Bob and the pilot are planning to stay the whole week, and fuel costs for the round-trip are estimated to be ~\$500 per person. The pilot is a retired United Airlines pilot who is IFR current.



JUNE YOUNG EAGLES

by Don Von Raesfeld

Our chapter held its 3rd Young Eagles event of 2013 on June 29 at Reid Hillview airport. We had 6 pilots who flew 56 Young Eagles, and a large number of ground volunteers helped out. Ground volunteers were responsible for setting up, registration, matching Young Eagles with pilots, escorting Young Eagles and family members to and from the aircraft, printing out certificates, making a food run to feed all the volunteers and putting everything away once the event was over. I think all the Young Eagles that day, including 2 of my granddaughters, had a great time.

The pilots flying that day were:

PILOT	YOUNG EAGLES	FLIGHTS	SEATS
David Goodin	6	2	3
David Hinojosa	5	5	1
Bob Leitch	14	5	3
Paul Marshall	12	4	3
Gary Neva	11	4	3
Bob Tucknott	8	3	3

These 6 pilots made 23 flights and flew 56 Young Eagles. Thank you to all who helped make this a good day and who brought a lot of smiles to a lot of young kids.

(cont' on page 4)



(cont' on page 5)



(cont' on page 6)

Russ Todd's letter on the Young Eagles:

Hi Young Eagles Pilots and Volunteers,

On Saturday June 29, that's last Saturday, 56 kids were entered into the Young Eagles world! Thank you everyone: registration, pilots, and ground helpers for a very productive day of empowering, enabling and making kids present to their greatness.

The same can be said of everyone who brought the event about. I say, "Thank you, you are great."

No sooner do we complete one Young Eagles event then there comes another one. The next event is on July 13 at South County Airport. We'll be there setting up by 9 AM in an effort to start early in the coolness of the day. Flying will be from 10 till 2 PM, but really we should start as soon as we are ready.

Twenty-three kids are already signed up along with one pilot. That looks like a good start.

Always looking for more kids to bring into the Young Eagles aviation world.

Russ Todd

Young Eagles Coordinator

EAA Chapter 62

Rita Costa-Hollmann's letter about Martin's Memorial at Oshkosh:

Good morning Don and Randy,

Everything is finished, prepared and ready for this year's EAA Air Venture in Oshkosh. I am done with his biography for the book for the Memorial Wall and it is proofed. I also received the final proof for the brick I have purchased for Martin.

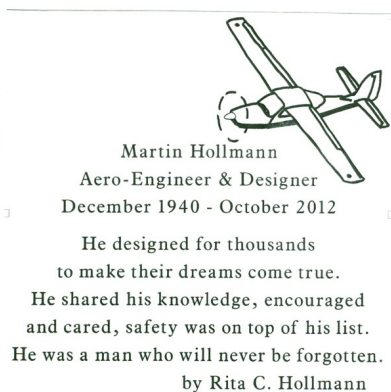
For those of you who will be at Oshkosh, here is the plan where you can find "him".

Thank you so much - again and again - for honoring him on the Memorial Wall.

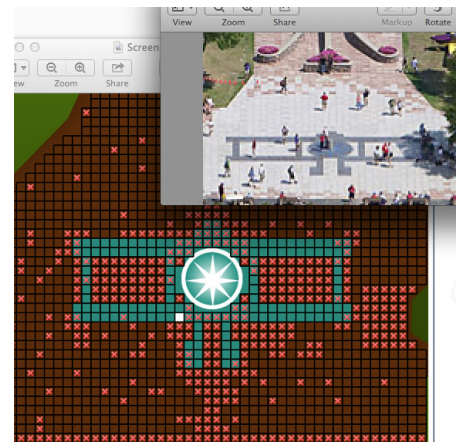
Best,

Rita Costa-Hollmann

P.S. Please, take a picture for me if you are able to find him. The brick will be where the little white square is on the plan, text is below.



Note the location of the white box



Membership Notes by Donald Von Raesfeld, Jr.

Membership Chairman
408-507-0951

Our last meeting was held on June 6, 2013 in the Reid Hillview terminal building. Due to Rusty Wells ongoing job in San Mateo we did not have our regular hot dog dinner available before the meeting. We did however have pizza from Mountain Mike's delivered to us by our chapter President, Konstantin Blank, along with sodas. Thank you, Kostantin.

Our chapter vice president, Mark Wainwright, opened the meeting at 7:39 PM. He began by mentioning that Jack Bowlus has had a Ford V-6 engine with propeller and reduction gear in storage in his hangar and wanted to get rid of it. Mark mentioned that the chapter would be putting this item up for sale on eBay. He then mentioned that our July meeting would be held on Saturday, July 6 at 2 PM instead of Thursday, July 4. The meeting will be held at my home in Santa Clara. It will be a potluck/BBQ and Evites have been sent out. You are welcome to bring your families but we would like an RSVP by July 4 so we can have enough food and drinks for all. If anyone would like to go swimming please bring a swimsuit and towels. My son Mark and I will be showing some photos and video clips we took at RED FLAG EXERCISE 13-3 at Nellis Air Force Base, Las Vegas, Nevada last February. Hope to see you on the 6th.

Russ Todd, our Young Eagles Coordinator, then gave a recap of our Young Eagles event held May 18 in conjunction with the WINGS OF HISTORY OPEN HOUSE at South County airport. We had 18 pilots who flew a total of 202 Young Eagles that day. We also had a number of ground volunteers who helped make this a successful event. He then mentioned our next event would be June 29 at Reid Hillview airport and as always asked for volunteer pilots and ground crew. He also thanked all who helped with the Young Eagles.

Mark Wainwright then introduced our past President, Wolfgang Polak, who was our guest speaker for the evening. Wolfgang gave a presentation on 2 topics, the first was iPad flight software and the second topic was on aircraft ownership. He is well versed on the subject of aircraft ownership as he has owned aircraft for 18 years and currently flies a Grumman Tiger based in Palo Alto.

Wolfgang began his presentation on the iPad by listing the hardware choices. He mentioned that the most software is on the iPad and you can choose between the iPad mini or the regular size. The iPad mini requires less lap space but good vision whereas the regular iPad has 32 GB which is sufficient and also internal GPS, which works fine for Wolfgang. There are several software programs available for the iPad which include ForeFlight, Garmin Pro, WingX, Jeppesen FliteDeck, AOPA FlyQ, and King Bendix my WingMan. Of all these software programs, ForeFlight is the most popular and includes IFR, VFR, Flight planning, ADS-B support. He mentioned that he has tried the Garmin Pro and AOPA FlyQ but prefers ForeFlight.

ForeFlight charts are legal for use in Part 91 operations. Charts and documents can be downloaded, and real-time weather and satellite is available when connected to the Internet. ForeFlight has built-in flight planning, and "legal" briefing via DUATs. Wolfgang also mentioned that you can write or type clearances, however he prefers a pen and paper. He planned a flight on the iPad from KRHV to KOSH a total of 1554 NM and was able to display the images on a TV screen so all present could see.



(cont' on page 8)

At 8:35 PM we took a short break so Wolfgang could have a couple slices of pizza and a drink. At 8:45 PM Wolfgang continued with the second part of his presentation: Aircraft Ownership. He began with the Why and Why Not of ownership.

Why Not includes cost, improvements and upgrades, maintenance, and single aircraft.

COST - you must fly between 100 and 200 hours per year to make ownership cost effective.

Improvements, upgrades - an owner pays while a renter can choose equipment as needed.

Maintenance - you need to find a reliable shop.

Single aircraft - unless you are very wealthy you have only one aircraft for all your missions, whereas renters can pick and choose.

The Why of aircraft ownership includes

Pride of ownership - self-explanatory.

Cost - the more you fly, the cheaper it gets. At least that's what a man will tell his wife.

Quality of maintenance - you are the one flying it, you know what's broken, you take care of the engine the prop, the avionics and you know it will fly the next time you need it.

Know the aircraft - you are familiar with the aircraft, you know your limitations and the aircraft's limitations.

Access - you have access to the aircraft when you need it and you can take it for a weekend, week, or longer without having to pay for a minimum number of flight hours.

Which Aircraft to buy. Decisions affecting your choice of aircraft will include :

Your mission - speed, range, payload, number of seats, fixed gear or retractable, complex (training for commercial license), twin, aerobatics or floats. You will need to consider all of these. What will your main mission be?

Aircraft usage will change - possibly more long trips or charitable flights.

Buy with proper equipment - buying an aircraft with the avionics you want is cheaper than installing them at a later date.

Taking care of your aircraft.

Storing your aircraft

- a hangar is expensive but it saves the paint and protects it from birds and weather.

- A tie down is much cheaper but there is more wear on the paint, avionics and interior. You do need some cover.

Maintaining your aircraft -

- You need to find a good mechanic and a good avionics shop

- Help with annuals if possible

- Do-it-yourself maintenance

- keep your aircraft clean

Wolfgang then gave examples of a number of maintenance issues he has had during his 18 years

of aircraft ownership. A few of these included a leaking fuel tank, upgrading his avionics with a Garmin 430 W and Sandel HS I, an intermittent blown fuse, an oil pump AD, intermittent radio problems, a bird strike, and several others including a corroded engine mount.

He then went on to cover what it costs to own an aircraft. Costs for owning an aircraft can be broken down into 3 categories.

Fixed costs

- Annual, recurring maintenance
- Tax
- Insurance
- Hangar or tie-down, variable cost
- Fuel, oil \$30/hr (Rotax), \$60/hr (O360), \$1000/hr (L39)
- Engine set-aside > \$10/hr Discretionary cost
- Upgrades, avionics, paint, interior

All these costs will vary depending on the type of aircraft you own and your qualifications.

When it comes to aircraft ownership you do have some options, these include; partners, private club, or leaseback. These options have advantages and disadvantages. The main advantage to having partners would be the fixed costs are split between all members. Disadvantages include getting along with your partners and possibly getting out of the partnership. The main advantage to a private club is that there are multiple aircraft shared between members. Disadvantage to this might possibly be that the aircraft you want might not be available when you need it most. Renters generally do not treat aircraft well, and serious problems may not be squawked. The main advantage of a leaseback might be that the flying club is responsible for the maintenance of the aircraft, although the owner still has to pay. The meeting concluded about 9:10 PM.

In the end it seems to me private ownership is the best way to go if you can afford it. I'd like to thank Wolfgang for taking the time to make these presentations. I found them to be very interesting and educational.

YOUNG EAGLES

Our next young Eagles event will be held on July 13 at South County airport. As always flights will take place from 10 AM to 2 PM. Volunteer pilots and ground crew are always needed and you can contact our YOUNG EAGLES COORDINATOR, Russ Todd, if you can help out. Thank you.

MEMBERSHIP

As of June 25 we have 32 paid members in our chapter. I have sent out letters to those who were members last year asking if they wish to renew their membership in the Chapter. Last year we ended with about 50 members. I know the economy is not the best and there is always so much going on in the area but hopefully we can start to grow the chapter again. I'm going to try and send out some emails to past members and see if we can get them to rejoin. If any of you have friends that might be interested in joining the chapter, ask them to come to one of our meetings. Have a happy 4th of July and I hope to see you at our meeting Saturday, July 6, at my home for a potluck/BBQ.

Don Von Raesfeld, Jr.

Don Von Raesfeld
Membership Chairman
930 Monroe Street
Santa Clara, CA 95050

Address Label is **RED**,
time to pay your dues.



MEMBERSHIP APPLICATION

Name _____ National EAA #. _____

Address _____ City _____ State _____
Zip _____

Phone _____ Email: _____

National Membership Required www.eaa.org \$40.00 per year
EAA Chapter 62 www.eaa62.org \$30.00 per year PayPal Available
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