



Spirit of Flight

**Experimental Aircraft Association
Chapter 14: San Diego, CA**

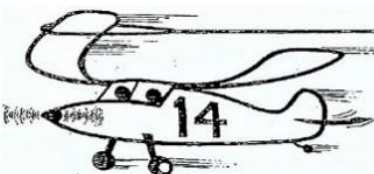
December 2023



Samantha Leibold, our 2023 Ray Scholar, after her first solo. Congratulations Sam!

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Upcoming Events

January 1st—Flyout to Chiraco Summit
January 6th—Lunch at Chapter Hangars
January 13th—Young Eagles Rally
January 20th—Pancake Breakfast and Membership Meeting
January 27th—Thank You to Volunteers Lunch

Chapter Briefing

EAA Chapter 14 Members



Chapter Activities: Information provided by Chapter members.

Week ending Nov 4: Big milestone for the month. Samantha Leibold, our 2023 Ray Scholar, soloed. Lots of effort on her part, her flight instructor, and her mentor, grandfather Bob Hitchcock, to get to this point. We are all very proud of her achievement. Our usual combination of builders and pilots were present at the Chapter, including Chris Constantinides, Jimmy Kennedy, Gary List, Gert Lundgren, Jim Mac Kinnon, Jonathan Robbins, Joe Russo, Ryan, and Nigel Worrall. Several helped Ryan with doing several weight and balances on his E-racer. We had beautiful weather on Saturday, and a great turnout for our Young Eagles program. In addition, Charlotte Robbins, our energetic Young Eagles volunteer, celebrated her birthday at the Chapter, along with some friends she brought along to enjoy Young Eagles rides.



Sam Leibold's instructor Chelse Tofan trims her shirt tail after a successful solo. Congratulations, Sam!

Week ending Nov 11: On Saturday we had a number of members and visitors at the Chapter, including Dennis Hogue and CFI Shairrie Van Duzer; Young Eagle Bekk enjoyed a ride in Gert Lundgren's RV12iS. As usual, Gary List and Jim Mac Kinnon had been hard at work cleaning up the Chapter for weekend visitors – we owe them both a big debt of gratitude for all their efforts week after week. And Director Jonathan Robbins, in addition to all the technical and computer work he does around the Chapter, also took time to clean the KR-2 in Hangar 1 (the plane hanging from the rafters). Certainly an improvement – thanks for the extra effort put forth by all of our volunteers. During the week, President Trinidad Lopez and Young Eagles Coordinator Grant Rotunda were busy getting ready for the special Young Eagles activity to be held Saturday night, consisting

of a family dinner, then a movie, then a star-gazing party. There was a good turnout of families and members for the event, including Young Eagles volunteers Noah Cortezano, Samantha Leibold, and Charlotte Robbins. The group enjoyed a chicken dinner (hosted as always by the indefatigable Sharon Lopez), along with hot dogs and chips for kids, popcorn, and hot chocolate for all. Then attendees watched the movie "Planes." Finally, those present used 4 telescopes as part of the star-gazing activities. While it was a cool night, it wasn't cold, and everyone seemed to have a good time. Thanks to everyone for making the event a success. The Chapter is open to trying lots of different aviation-related activities of interest to kids and adults – let President Trinidad Lopez know of your ideas.

Week ending Nov 18: Jonathan Robbins spent time doing routine maintenance on the beautiful Meyers aircraft. Nigel Worrall helped Ryan with wiring on the E-racer. We had a good crowd for the last pancake breakfast of the year, prepared as usual by pancake meister Kevin Roche and son David. We had not scheduled a speaker for the month, but member Duane Shockey had brought along a guest, Gordon Permann, for breakfast and Gordon gave a most informative talk to our breakfast crowd. Gordon is involved with a group feeding refugees on the Ukraine border and in small towns in the east of Ukraine. They face many challenges and welcome donations. The group is called Siobhan's Trust. Gordon's email is krztalizer@aol.com. You can get information about Siobhan's Trust at their website at <https://siobhanstrust.uk/>



Shairrie Van Duzer and David Roche share a laugh about something—maybe the Chapter election.

Week ending Nov 25: Not many people were down during the week as they were having out of town guests or were roped into helping prepare a Thanksgiving meal. Although no Chapter activities were planned on Saturday, a number of members stopped by to visit, enjoy hot coffee, and see progress on aircraft being built. The Chapter has much to be thankful for – great facility, great members, great volunteers, and lots of activities planned for the upcoming year. Stay tuned!



President's Message

Hello Everyone,

This Saturday, December 2nd, our Chapter will be hosting a free ham and turkey holiday luncheon for all our members. You are all invited to attend and may bring a guest.

This will also be the last event for our Chapter food drive. Please consider bringing a donation of canned or other non-perishable foods. It would be much appreciated.

Looking ahead to January, we already have activities on our schedule. On New Year's Day, our Chapter will be hosting the traditional fly out to Chiriaco Summit. Please contact Jonathan Robbins for further information.

We will have our regular Young Eagles rally on the second Saturday of the month, and our Pancake Breakfast/General Meeting/Program Talk on the third Saturday.

On Saturday, January 27th we will be hosting a volunteer and Young Eagles luncheon. Everyone who has volunteered in support of Chapter activities throughout the year is invited and encouraged to attend.

Our Chapter is an all-volunteer organization. Please consider supporting the Chapter by volunteering for one or more of the many activities we have planned for next year.

Another way of supporting the Chapter is by making an end of the year donation. Our Chapter is a non-profit organization and depends on donations as a critical source of funding to continue our many aviation and community-based activities.

Finally, I want to thank all of our members, board of directors, and volunteers who continue to make our Chapter among the very best in the EAA.

Best holiday wishes,

Trinidad, Sharon, and Ashley Lopez



Activity in the Eagles Nest during the November 4th rally



November Young Eagles Report

Grant Rotunda

On Saturday, November 4, the chapter hosted another busy Young Eagles event. This month's Young Eagles rally was scheduled for the first Saturday in November as a movie night and stargazing event was scheduled for the second Saturday. We were a bit short on pilots this month, but the trio of **Shon Alexander**, **Chris Constantinides** and **Jonathan Robbins** pulled off a marathon round of flights to accommodate all the Young Eagles. Collectively, they flew 14 flights with 39 Young Eagles, including 14 Young Eagles who took their first flight. Ground support was provided by **Skye Turner** and Young Eagles **Noah Cortezano**, **Kiley Everett**, **Samantha Leibold** and **Charlotte Robbins**.

President **Trinidad Lopez** and his wife **Sharon** prepared lunch of burgers, hot dogs and fries for the Young Eagles and families. **Charlotte** also celebrated her birthday during the event and brought cupcakes and ice cream for all of the Young Eagles in attendance.

The following weekend, the chapter hosted dinner, a movie and stargazing on the evening of Saturday, November 11. The chapter has hosted events similar to this in the past, but it was several years since the last event. The evening began with dinner prepared by **Trinidad** and **Sharon Lopez**, **Pauline Shockey** and **Antonya Takahashi** while volunteers **Duane Shockey**, **Jonathan Robbins**, **Charlotte Robbins**, **Bekk LeBlanc** and **Noah Cortezano** helped to set up the tables and chairs and projector. After dinner, the participants proceeded to the ramp outside Hangar 1 for a viewing of Disney's "Planes." **Charlotte** made popcorn as well as hot chocolate to keep everyone warm on a "chilly" San Diego evening. After the movie, the sky was clear and dark, with no light from a new moon, which provided optimum stargazing conditions. **Jonathan** and **Trinidad** both set up their personal telescopes for the Young Eagles to use. The evening wrapped up around 9:00pm after everyone viewed the various planets and stars on display. We will definitely have more of these events in the next year, but maybe when it's a bit warmer in the evenings.

As we close out the year, I would like to pass on my thanks to all of the pilots and volunteers who supported the Young Eagles, and Eagles, programs throughout the year. In 2023, the program provided 137 flights to 302 Young Eagles. We also hosted a STEM workshop at the chapter and provided support and volunteers for participation in several other STEM days with other organizations throughout the community. Thank you all for your continued support to the Young Eagles and Eagles program!

The next Young Eagles event is scheduled for Saturday, January 13, after taking the month of December off for the Holidays. I look forward to seeing everyone in January to kick off a new year of Young Eagles activities!

Grant

Wingtip Design

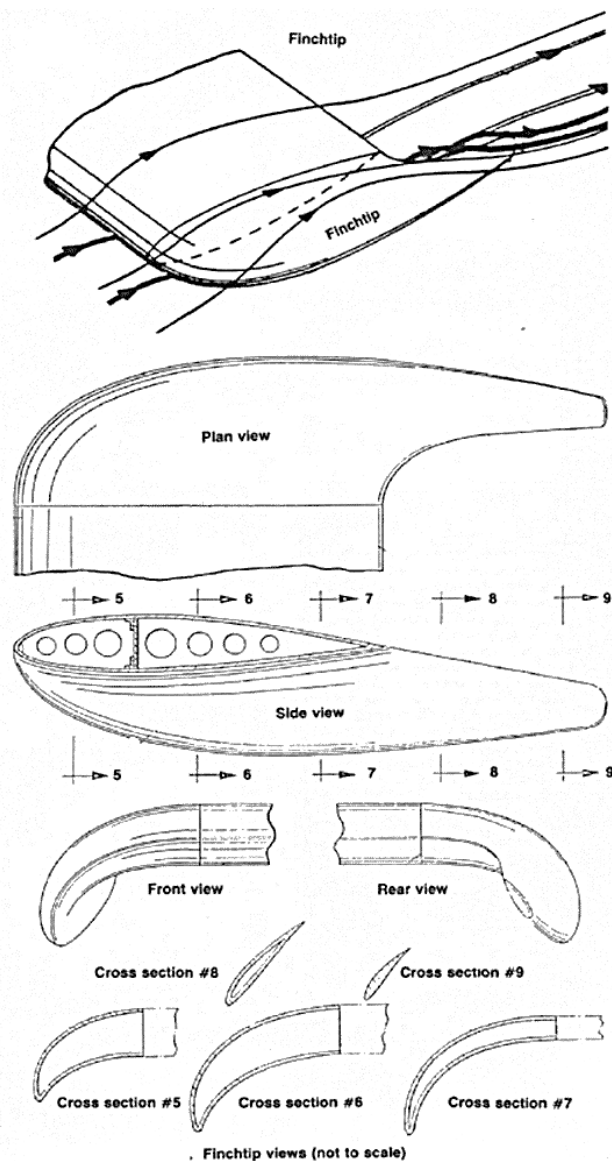
By Reg Finch

Editor's Note: Chapter 14 member Reg Finch published this article in the March 1984 issue of Sport Aviation and thought that the topic might be of current interest to our members. Sport Aviation gives blanket permission to reprint articles in Chapter newsletters.

If you are interested in squeezing the frontier of knowledge a little, as we were, and you see an area that is lagging behind, as we did, and you are suddenly subjected to a flash of insight, you may very well spend the next year on your back in a wind tunnel. The lagging frontier is wingtip design. Paradoxically, this is an area where a lot is happening, aerodynamically speaking. Why has it been neglected for so long? Ask NASA, Boeing or any of the biggies in aerodynamic research. You will get rather vague answers similar to which you are accustomed to hearing from a politician. Hoerner's books on lift and drag provide some insight into what is happening out there at the end of the wing.

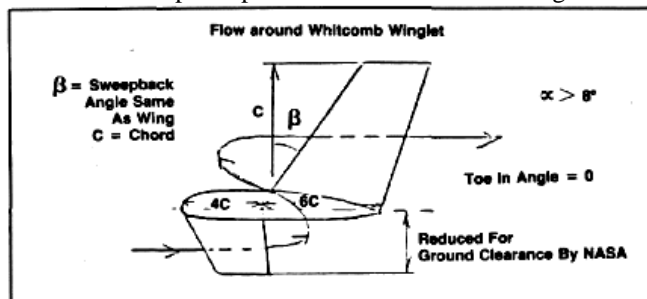
The culmination of our research resulted in a technique for tailoring a wingtip to a particular aircraft. This wingtip works by reducing the induced (vortex drag) to a bare minimum. It extracts lift out of the remaining weakened vortex and using the gentle persuasion of pressures, pushes the vortex outboard, thereby increasing the effective span. In aircraft design it is effective span we care about, folks, not geometric span. Effective span is measured from the center of one wingtip vortex to the center of the other. L/D is the bottom line for efficiency of any vehicle. These wingtips, known for obvious reasons as the Finchtips, will improve the L/D (Lift/Drag) and consequently save money on fuel (as much as 10%).

This type of tip works best on low aspect ratio, rectangular, thick, heavily loaded wings. They would be ideal as a retrofit on F-4, F-16, etc. to improve turning capability, or on the Space Shuttle to improve L/D and cross-range. So those of you who are building your own space shuttle, this is for you. However, any aircraft can benefit from this type of a wingtip, with sailplanes benefiting the least. Their high aspect ratio tapered wings are already pretty efficient. How does the Finchtip compare with the Whitcomb Winglet? If

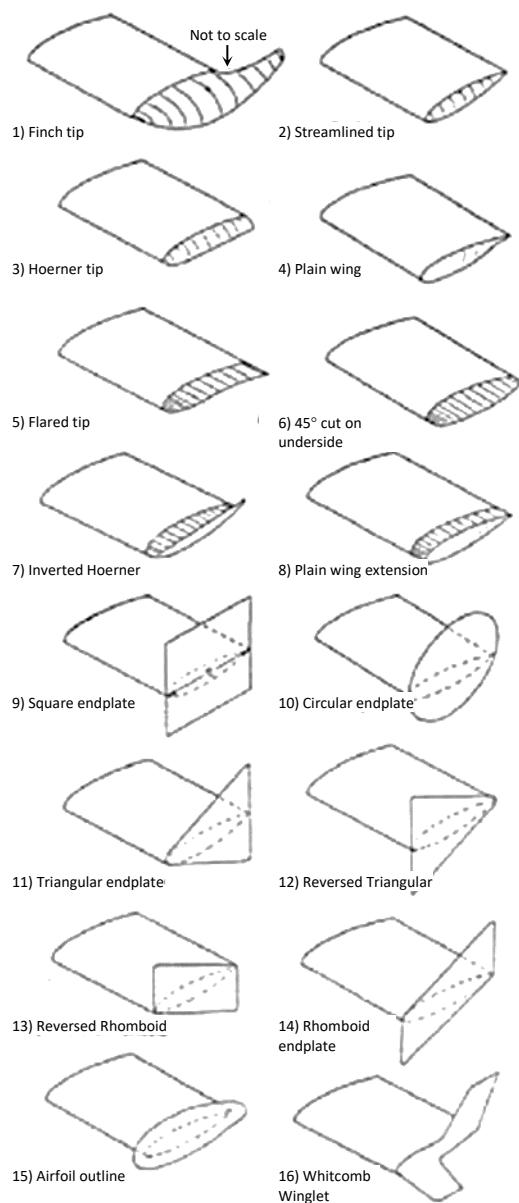


you like Winglets, you'll love the Finchtip. They both work, but for different reasons. The Whitcomb Winglet can be improved upon by laying it flat, i.e., just extending the wingspan an equivalent amount. At least now the lift force will be in an upward direction rather than horizontal. The bending moments on the wing will be about the same as before, but the induced drag will be less. Some of the leading aerodynamic research laboratories subscribe to this. The advantages of the Whitcomb Winglet lie in its secondary benefits, such as using them as drag rudders (VariEze) or on 15 meter sailplanes where the span is limited to 15 meters.

So now that you are thoroughly convinced, we have included excerpts from a paper I have written. It shows a



comparison of 16 wingtips we ran in the wind tunnel at San Diego State University as well as some drawings of what a Finchtip looks like. The Finchtip is patented internationally but I have no objection to an individual builder putting them on his aircraft. I would actually encourage it for the sake of progress and efficiency, not to mention good looks! If you would like some theory, graphs and some insight as to how to build them, the paper is available for \$19 from R. V. Finch, P. O. Box 934, Coronado, CA 92118.



Wingtip configurations tested in the SDSU wind tunnel.

Table 1.
Wind tunnel wingtip comparison at 2° and 10° angle of attack.

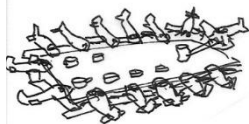
WINGTIP V in mph	C_L		C_D		L/D		Geo Aspect Ratio	REMARKS
	= 2° V = 128	= 10° V = 76	= 2° V = 128	= 10° V = 76	= 2° V = 128	= 10° V = 76		
Plain Wing	.428	.950	.031	.089	13.70	10.01	1.18	Inboard vortex (of tip)
GAW-1 airfoil	.433	1.012	.027	.084	15.09	12.0	1.41	Inboard vortex (of tip)
Plain Wing Extension	.468	1.036	.027	.083	17.24	12.54	1.47	High Eff. Aspect ratio. Weak vortex outboard of tip.
Finch Tip								
Hoerner Tip	.439	.956	.027	.082	16.06	11.70	1.35	Vortex at tip
Flared Tip as seen on several light A/C	.496	1.095	.030	.102	16.37	10.78	1.41	Used on Beech A24R
Inverted Hoerner	.459	1.011	.027	.095	16.78	11.30	1.35	Inboard vortex (of tip)
Streamlined tip	.410	.890	.029	.086	14.07	10.33	1.40	Inboard vortex (of tip)
45° Cut on underside	.455	1.023	.028	.088	16.0	11.66	1.44	Inboard vortex (of tip)
Whitcomb Winglet	.547	1.115	.022	.095	24.81	11.76	1.528	Large sideforce, vortex outboard.
Rhomboid end plate	.563	1.142	.032	.096	17.39	11.92	1.18	Large sideforce, vortex outboard.
Reversed Rhomboid	.507	1.148	.032	.084	15.70	13.70	1.18	Large sideforce, vortex outboard.
Triangular end plates	.550	1.170	.032	.095	17.11	12.33	1.18	Large sideforce, vortex outboard.
Reversed Triangular	.518	1.123	.034	.087	15.27	12.95	1.18	Large sideforce, vortex outboard.
Square end plate	.609	1.287	.038	.091	15.90	14.07	1.18	Vortex outboard (of tip)
Circular endplate	.596	1.266	.034	.089	17.31	14.20	1.18	Vortex outboard (of tip)
Airfoil outline endplate	.493	1.075	.032	.091	15.30	11.78	1.18	Low sideforce, vortex inboard (of tip)

Table 2. Flight Test Results: Finchtip on Beech A24R Sierra

RPM	Power	Fuel Flow	Flight tests report Flared Tip mph Beech Tip		mph FINCH TIP		REMARKS
	H G in	GPM	IAS	TAS	IAS	TAS	
2200	21.8	7.5	120	133	132	142	5,500' 14°c
2400	19.2	7.5	112	122	124	135	5,500' 14°c
2500	23.0	8	132	143	137	150	5,500' 14°c
2200	24.5	8	126	135	130	139	3,500' 18°c
2300	24	9	130	139	134	143	3,500' 18°c
2400	24	9.5	135	144	139	148	3,500' 18°c
2500	24	10.5	137	146	140	149	3,500' 18°c



Beech Sierra. Photo by FlugKerl2. Licenced under [Creative Commons Attribution-Share Alike 3.0 Unported](#)



November 18, 2023 Board Meeting

Donna Ryan, Chapter 14 Secretary

Provisional Minutes – Pending Board Approval

The Board meeting was held on Saturday, November 18, 2023 beginning at 10:44 p.m.

Directors and officers present were: Rich Allison, Jimmy Kennedy, Ted Krohne, Trinidad Lopez, Kerry Powell, Jonathan Robbins, Kevin Roche, Larry Rothrock, Donna Ryan, Ron Shipley, Alan Sparkes, Stu Strebig, Nigel Worrall. Directors and officers absent were: Gene Hubbard (excused), Ashley Lopez, Gert Lundgren (excused), Francisco Muñoz, Grant Rotunda (excused). A quorum was present for the meeting. Gary List was a guest.

Board Decisions

(Subject, moved by, seconded by, pass/fail)

- September 2023 Minutes were reviewed and approved. Stu Strebig/Kerry Powell: passed.
- Treasurer's Report reviewed and approved. Stu Strebig/Nigel Worrall: passed
- Approve the dispersal of Ray Scholarship funds prior to receipt of already approved funds from EAA National to cover invoices submitted by First Flight for Samantha Leibold, our EAA 14 Ray Scholar. Stu Strebig/Nigel Worrall: passed.
- Apply for three Ray Scholarships for 2024, one at full rate of \$11,000 and two at the 25/75 matching fund option. Stu Strebig/Kevin Roche: passed.
- Authorize Kerry Powell to spend up to \$2,500 for new or additional audio video equipment for Hangar 1. Stu Strebig/Kevin Roche: passed.
- Authorize a payment of approximately \$150 for a tangible recognition of Crownair's contribution for the Ford Tri-Motor visit. Stu Strebig/Kevin Roche: passed.
- Appoint Alan Sparkes as a director to the EAA Chapter 14 Board of Director for 2024. Stu Strebig/Kevin Roche: passed.
- Motion to adjourn. Kevin Roche/Stu Strebig: passed.

Old Business

Lease Option: **Trinidad Lopez** reviewed the status of the lease option and asked directors to review the list of City-approved appraisers for our lease option extension. Directors are to submit their views promptly and Trinidad will notify the City of our selection.

Ray Scholarship: Our 2023 Ray Scholar has passed her solo. A motion was passed during the Board Meeting to disburse funds immediately for invoices submitted by First Flight; funds have already been approved by EAA National and should arrive in our checking account soon.

Star-Gazing Event: **Trinidad Lopez** discussed the recent dinner/movie/star-gazing event and said it turned out well. He was pleased with the number of families who attended. He talked about possible other late afternoon/early evening events for families including aviation trivia or aviation bingo.

Audio-Visual: As discussed in previous meetings, we need updated audio/visual equipment that will enable those who sit in the back of the Hangar during programs to see and hear the speaker. We want our presentations to be professional and enjoyable. The Board discussed several possibilities including the advisability of purchasing equipment now because of the many holiday sales. It then authorized **Kerry Powell** to spend up to \$2,500 to add to or replace audio/visual equipment for Hangar 1.

Ford Tri-Motor Visit: **Larry Rothrock** reviewed the very successful Tri-Motor visit and discussed the major contribution that Crownair Aviation made in the success of the event. The Board approved a motion to provide a tangible recognition of their efforts.

New Business

Application for 2024 Ray Scholarship Funds: Chapter applications for Ray Scholarships are open for 2024. In addition to applying for a full scholarship of \$11,000, the Board also passed a motion to apply for two 25/75 scholarships (Chapter pays 25%, Ray Scholarship pays for 75%). We have a current crop of excellent Young Eagle candidates for the upcoming year.

Chapter Recognition Progress: The Board reviewed our progress towards receiving a Gold Certification for 2024. We are on course to receive this, especially if we have 25% of our members complete the survey and we receive ratings of 8 or above. **Trinidad Lopez** asked the directors to encourage all members to complete the survey. Two reminders have gone out. An additional reminder will go out in December, and Trinidad will also mention it in his President's message for December.

Chapter Store: **Trinidad Lopez** discussed the need for replenishing our stock of shirts, hats, etc. in the chapter store. Trinidad had already received new quotes for merchandise; **Jonathan Robbins** will supply Trinidad with another source that has worked well. **Stu Strebig** suggested putting pictures of our Chapter Store merchandise on the Chapter website. **Kerry Powell** will do so, once he receives pictures of stock from Trinidad.

Volunteer Appreciation Luncheon: A luncheon will take place on Saturday, January 27 to recognize Chapter volunteers. **Grant Rotunda** and **Trinidad Lopez** are heading this effort.

Programs: **Trinidad Lopez** thanked Program Director **Kerry Powell** for all of his efforts in arranging for programs. He encouraged all Board members to help Kerry out with suggestions for speakers, especially those who

might talk about building aircraft or performing maintenance on aircraft.

Trailer Refurbishment: One of the main Chapter projects for the winter and fall is to transform the trailer into a library/workshop/presentation space. Not only do we plan on painting, and redoing the flooring, lighting, and ceilings, but we would like furniture to use for workstations, along with chairs. Our main simulators will also be there. This will provide a space for Young Eagle and Eagles workshops, and other aviation related events.

Upcoming Activities: **Trinidad** would like a mix of building, technical, social events as activities in the upcoming year. As a social event, we will have an end of year free luncheon at the Chapter on December 2.

Director Appointed: Current Director **Alan Sparkes** could not be contacted prior to the election for 2024 Board of Directors and so his name did not appear on the ballot for 2024. The Board approved a motion to appoint Alan as a director for 2024.

Flyout to Chiriaco Summit: **Kevin Roche** asked about any upcoming flyouts. **Jonathan Robbins** suggested a flyout to Chiriaco Summit on January 1st – a tradition here for several members. He agreed to serve as point of contact. An email will be sent to all members announcing the event. Meeting time will be 8:00 am on New Years Day.

Thank You to Directors: President **Trinidad Lopez** expressed his heartfelt appreciation to the directors for volunteering their time and expertise in supporting the Chapter, not only during Board Meetings, but by their presence at Chapter-related events and lots of behind-the-scenes efforts. The Chapter has certainly benefited from their hard work and enthusiasm.

The meeting was adjourned at 12:31 pm.

Submitted by **Donna Ryan**



Your Board of Directors getting ready for the November 18 Board meeting.

Time to Renew Your Membership

By: **Donna Ryan**

It's time to renew your membership in EAA Chapter 14. What are the benefits of renewing your membership? If you are fortunate enough to come down to the Chapter on a regular basis, you already know the benefits: enjoy talking to fellow aviation buffs, share tasty and inexpensive Saturday lunches, (as well as a pancake breakfast once a month), participate in several of the building projects going on, see some beautiful planes, keep up your skills on our simulator, check out our extensive aviation library, rent tie-down or hangar space at an affordable rate. And you can get Wings credit for many of our monthly programs.

But even if you aren't able to come down to the Chapter as often as you would like, you still benefit. The Chapter actually has a physical location which can host aviation events, such as the San Diego Aircraft Advisory Committee (AAC), or FAA seminars. Your membership dues help pay for this location. Our Chapter has a very active Young Eagles program: your membership helps pay for supplies and the facility, as well as our outreach to the community.

As you know, general aviation is facing many challenges from possible government restrictions and local business decisions. EAA 14 has fought hard to preserve a place for general aviation in the San Diego area and to make it stronger, safer and more affordable. We represent a vocal and concerned group of citizens. Your membership contributes to and strengthens our voice.

We want to grow our membership, provide aspiring builders and pilots with the support they need to achieve their goals, and help both young people and adults learn about the joys of flying. But we can't do it without your continued support. Please help us by renewing your membership in EAA 14. It will take just a minute but it will pay dividends for YOUR Chapter throughout the whole year.

Use the Membership form included in this newsletter and then mail it back to us, along with your payment, to EAA Chapter 14, 1409 Continental Street, San Diego, CA 92154-5707. You can also drop the form and your payment off at the Chapter; put your packet in the mail slot of the Membership lock box next to the lunch counter or outside of Hangar 1. If you want to pay by PayPal, follow the steps below:

1. Access your personal PayPal account.
2. In the upper menu, select Tools, then at the dropdown menu, click Send Money.
3. Enter email address: Eaach14@gmail.com
4. Enter payment amount: \$25.00 (\$5 for Young Eagles)
5. At the Add a note option, enter "2023 membership for [your name]"
6. Send the payment.

We look forward to continue having you with us once again in 2024.

Happiness is Not Only In Giving - You Can Also Receive!

Donate to EAA Chapter 14

By Donna Ryan

We've all heard the old saying that "there is more happiness in giving rather than receiving." But in the case of donating to EAA Chapter 14, you can get something back as well!

All funds from donations to the Chapter go straight into the budget to pay the bills for the large facility EAA Chapter 14 is fortunate enough to have. In turn, you as a member are fortunate enough to visit our facilities during our pancake breakfasts, lunches, program talks, workshops etc. People enjoy coming to the Chapter to hear informative talks, enjoy food and socialization, see neat planes or work on them. But having such a facility definitely comes with costs - and these costs have gone up. Our rent has gone up, our insurance has gone up, our electricity has gone up, and we are facing a large asphalt resurfacing bill in the future.

0But besides bills, we are constantly looking for ways to improve our interface with the community. We plan on fixing up the trailer into a classroom setting for use during Young Eagles and Eagles events. We can also hold presentations there. We also plan on adding more monitors

and a better sound system to Hangar 1 so that our Monthly Meetings/Program talks can be more easily enjoyed (and seen and heard).

EAA Chapter 14 is an IRS-designated 501(c)(3) non-profit organization; thus, donations may be deductible by the donor if they meet IRS deduction rules. Please contact Donna Ryan, EAA Chapter 14 Secretary at rryan@san.rr.com if you need some general information on tax deductions.

Do you want to give a cash donation that helps both aviation and the community? Do you have some aircraft parts you never got around to using? Or maybe some duplicate tools? What about a project that is just taking up space in the garage and you're no longer able to finish it? Or maybe your aircraft no longer fits in with your life and you want to ensure that it goes to a new good home?

In all these instances, making a donation to EAA Chapter 14 can help you out, and help us out as well. Please consider making a donation to the Chapter. We'd really appreciate it.

Young Eagle Activities: November 4th 2023



EAA Chapter 14 Membership Application/Renewal

Please Print Legibly

Current Member					
Name		E-mail		EAA National # /Exp Date	
Emergency Contacts (Name and Phone)					
Please check the box if there have been no other changes in your details since your last renewal. Otherwise, please update the applicable fields below. <input type="checkbox"/>					
New Member/Updates for Current Member					
Name (Mr., Mrs., Ms.) <i>Please Print</i>					
Street Address				E-mail	
City		State	Zip	Spouse/Partner Name	
Home Phone		Cell Phone		Work Phone	
Year of Birth	EAA National #/Exp Date		Occupation		Retired – Yes/No
Emergency Contacts (Name and Phone)					
FAA Ratings – Licenses Held		A/C Project		Aircraft Owned/Home Field	
Special Skills You Can Contribute to the Chapter					
Special Interests					
Payment Information					
New Member: \$25 (\$13 after July 1) Renewal: \$25 (due January 1 st) Youth (under 18): \$5 Payment Enclosed: \$_____				Make checks payable to EAA Chapter 14 Please mail this form with payment to: EAA Chapter 14 1409 Continental Street San Diego, CA 92154-5707	



Marketplace

For Sale: Mini 500 Helicopter (minus engine). The helicopter is complete and has never flown. Seller doesn't have the plans, but can put you in touch with the builder. Priced at \$10,000 or top offer. Highest bidder gets it. Call Frank at: (619) 449-1570 for details. The Mini is located at the Alturdyne Sheet Metal & Machine shop at 1405 N Johnson, El Cajon 92020. (Note: Alturair does their BD-5 aircraft).



For Sale: 1958 Tri-Pacer Parts– PA-22-160. Donated to EAA Chapter 14. Excellent workmanship. Wings, struts, rudder, horizontal, and elevator: Make offer. Email Ryan at rryan@san.rr.com and/or text at (858) 229-4875 to inspect the items and make offer.



For Sale: Nieuport 11 project. Excellent workmanship. Almost complete. Engine included. Donated to EAA Chapter 14. Selling project for \$7,500 or best offer. Email Ryan at rryan@san.rr.com for more information and photos.



Facebook

<http://www.facebook.com/pages/EAA-Chapter-14-San-Diego-CA/134162329986593>

Chapter Website

<http://www.eaa14.org>

EAA Chapter 14 Memberships

Applications are available at our Brown Field hangars and on our website.

Chapter Contacts

Director Name	Phone #	email
Gene Hubbard	(858) 722-1918	nx421gn@gmail.com
Ted Krohne	(619) 435-8940	tedkrohne@hotmail.com
Jimmy Kennedy	(619) 405-7266	jk@kencomgraphics.com
Trinidad Lopez	(619) 661-7117	bajaassy@gmail.com
Kerry Powell	(760) 613-4389	kcpowell02@gmail.com
Jonathan Robbins	(619) 572-5087	snibbornoj@gmail.com
Kevin Roche	(619) 249-1285	tkevinr@rocketmail.com
Larry Rothrock	(619) 507-4455	rothrock@znet.com
Grant Rotunda	(801) 865-2620	grant.rotunda@gmail.com
Donna Ryan	(858) 273-4051	rryan@san.rr.com
Ron Shipley	(619) 857-5201	ronaldshipley@cox.net
Alan Sparkes	(619) 463-2648	alspa700@mac.com
Stu Strebis	(619) 346-9788	trail2texas@yahoo.com
Nigel Worrall	(858) 705-1986	swazinigel@aol.com

Technical Counselors	Phone #	email
Gene Hubbard	(858) 722-1918	nx421gn@gmail.com
Dan Gerdes	(760) 449-4772	dan.gerdes@gmail.com

Chapter Events

Open House at the Brown Field hangars: every Saturday from 10:00 am to 2:00 pm.

Pancake Breakfast: 7:30-9:30 am, third Saturday of each month

General Meeting: 10:00 am, third Saturday of each month

Hangar Phone:

619-661-6520

General Chapter Information:

Trinidad Lopez (President)
(619) 661-7117.
eaal4contact@gmail.com

Ryan (Hangar Manager)
(858) 229-4875 (text first)