



Spirit of Flight

Experimental Aircraft Association

Chapter 14: San Diego, CA

March 2020

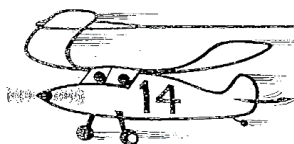


Ashley Lopez, Chapter 14 Young Eagles Coordinator, poses with the family Cherokee after making her first solo. Photo by Trinidad Lopez. 2/20

Table of Contents

Page Topic/Author

2	Chapter Briefing	Chapter 14 Members
4	President's Message	Gene Hubbard
4	Young Eagles Report.....	Ashley Lopez
5	Nieuport Nieu.....	Chuck Stiles
6	TRACON Outreach	Donna Ryan
7	The Way We Were: 2018.....	Donna Ryan
9	Sources: Willy's Electronics.....	Richard West
9	Last Call to Renew.....	Donna Ryan
10	February 2020 Board Meeting.....	Donna Ryan
11	New Members	Donna Ryan
11	Upcoming Programs	Kerry Powell
11	Marketplace	
12	Membership Application/Renewal	
13	Around Chapter 14	Photos by Chapter Members

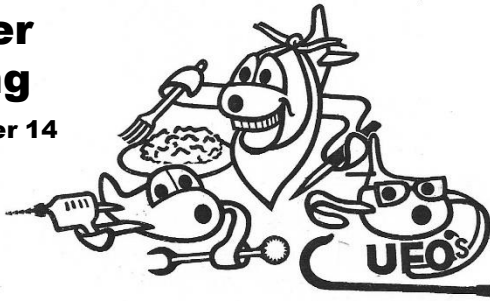


Upcoming Events

- March 10th—Airports Advisory Committee Meeting**
1500 at the MYF Terminal
- March 14th—Young Eagles Rally**
- March 21st—Richard Eastman** on "Airspeed or Pitch-and-Power."
- April 4th—San Diego Ultralight Association Meeting,**
1000 at Nichols Field
- April 11th—Young Eagles Rally**
- April 18th—Chapter 14 General Meeting, Program**
TBA

Chapter Briefing

EAA Chapter 14 Members



Chapter Activities: Information provided by Chapter members.

Week ending Feb 1: A beautiful clear day at the Chapter with just the right temperature. Tony Quintal in his Piper Cardinal and Gil Rud in his Aviat Huskey took advantage of the day and took to the skies. A number of other Chapter members and guests took advantage of it as well to either fly or drive to the Chapter. Allan Osborn, Bob Osborn's son and a longtime pilot himself, is visiting from back east. He and Bob Johnson spent time talking to Toni Rodriguez, one of our older Young Eagles who is interested in aircraft design, mechanics, and gliders – lots of experience sitting at the table! Kerry Powell ably handled the lunch duties, providing grilled hamburgers and potato salad for a hungry bunch.

Week ending Feb 8: Several of our members attended Copper State, including Garry Adalian who flew his beautiful AcroSport 1. The judges thought it was beautiful too. He was the Reserve Grand Champion and he received an award for the best tube and fabric aircraft. Ryan drove over (13 hour round trip) to get a deal on an ADS-B (equivalent to a \$100 hamburger flight) and took a look at a lot of the canards that had flown in. On Saturday, the Chapter was full up with Young Eagles, their parents, and other members and visitors. The Teenie-Two trainer was parked outside of Hangar 1 for display. Bill Ingram flew in from Montgomery in his VariEze – it was his first flight with his new ADS-B. Dion Dyer is in town and brought in two Corvair engines for temporary storage (his wife just bought an antique car, so the garage needed to be cleared out!). He has been busy with various chores and hasn't been able to get much flying in. A large lunch group thoroughly enjoyed Trinidad and Sharon Lopez's famous Poogi burgers – always a treat. Joan Werner, grandmother of former



Russ Owens and Allan Osborn with Russ's Phoenix motor glider. 2/15

Young Eagle Tristan Werner and current Young Eagle Kaitlyn, reported that Kaitlyn has received an aviation scholarship for Kent State in Ohio. Two years ago, she wrote an essay for a contest Kent State had for women in aviation and she was one of the winners. She spent several days in the dorms and visited the area and the campus with her mom. FedEx has just awarded funds to the college and has built it an aviation facility. The dean of the Aviation Department is a woman. So Tristan and Kaitlyn make two young people who participated fully in our Chapter's Young Eagles program who are going on to have careers in aviation (Tristan is also currently in school to get a degree in commercial aviation). And the Chapter plans on helping out another Young Eagle realize his dream of flight. EAA Chapter 14 was chosen to be part of the matching Ray Scholarship program. After the Young Eagles had all flown, pilots Ted Krohne, Trinidad Lopez, Jonathan Robbins, and Ronald Shipley met with the potential recipient of the award.



Bill Ingram with his VariEze in front of Hangar 3. 2/8

Week ending Feb 15: Beautiful sunny weather saw an increase in visitors on Tuesday and Thursday. Ryan installed his new ADS-B with the help of Allan Osborn. The beautiful weather continued on Saturday and it looked like over 30 people enjoyed our pancake/waffle breakfast prepared by Kevin Roche and Chuck Stiles. We had about the same number of people for the filling lunch of sherried meatballs, confetti corn, salad, and ice cream prepared by Donna Ryan. Allan Osborn met up with a previous glider pilot partner, Russ Owens, who had come to hear the program talk. Russ flew over in his Phoenix ARO U-15 motor glider. Jimmy Kennedy and Chuck Stiles had the Smart Car that was donated to the Chapter stationed right by Hangar 1 as it was for sale. Bob Chalfa was the lucky purchaser (he and Chuck did some pretty impressive speed bursts in front of the Chapter as part of the test drive).

Week ending Feb 22: On Thursday, Gene Hubbard and Alan Sparkes worked on an engine for one of Gene's projects. And another milestone: Ashley Lopez, our Young Eagles coordinator, soloed, passed with flying colors, and had her shirttails cut. And what a coincidence: her CFI was the same one who worked with Ryan several decades ago when Ryan first started flying. He also joined the Chapter and plans on helping out with our Young Eagles program. Saturday was a bust. After a week of brilliant sunshine and perfect flying weather, rain on Saturday forced the cancellation of a special Young Eagles day for a group of Boy Scouts hosted by one of our local CFIs. They were going to get a tour of the tower and some Young Eagle



Ashley Lopez poses with the family plane and instructor Steve Furtak after her first solo. Steve, a new Chapter member, is still holding Ashley's cut-off shirttail! 2/18

rides. Hopefully they can reschedule soon. A few intrepid souls made it in for the warming lunch of chili and sides prepared by Larry Rothrock.

Week ending Feb 29: Our group of Tuesday regulars was at the Chapter on a beautiful sunny day, busy working on their projects. Ryan has all the bugs worked out on his ADS-B, so he is up in the air in his Dragonfly again. Thursday was warm and windy. Ryan was able to give a visitor an Eagles' flight – the man has one hour of instruction and plans on continuing to learn. When the wind calmed down a bit, Dion Dyer also took to the skies in the Serendipity Club Piper. Chuck Stiles and Jimmy Kennedy worked on a motor mount for Jimmy's Nieuport. Gene Hubbard and Jim MacKinnon discussed brake options for their Nieuports. On Saturday, several members, including Mark Albert, Kevin Roche, and Gary List headed up to French Valley. Ryan gave a visitor from Gillespie a ride in his Dragonfly. The visitor has a couple of Pazmany projects he is working on. The chef for the day was missing, so those who had gathered for a lunch went home with empty stomachs. Note: someone could have opened canned goods in the pantry and served lunch – we keep it stocked for emergencies just like that. Feel free to step in.

General Meeting: President Gene Hubbard opened the meeting and welcomed over 60 Chapter members and guests. He asked new members to introduce themselves and invited all in attendance to stay for lunch after the meeting.

FAA Safety Statistics: John Schaper, the FAA Safety Team Manager for Maintenance and a new Chapter member, has spoken several times at the Chapter. He passed out reference cards entitled "U.S. Airspace Classes at a Glance" containing specifics for each airspace class: entry requirement, pilot rating, two-way communication, altitude encoding transponder, VFR minimum visibility below 10,000 MSL, VFR minimum visibility 10,000 and above, VFR cloud clearance below 10,000 MSL, VFR cloud clearance 10,000 MSL and above. He also provided the group with some up-to-date statistics on safety.

The most frequent causes of accidents from fiscal year 2003 to 2019 were as follows:

Accident Cause	Occurrences
Loss of control on landing or a ground loop	67
Loss of power, engine issues, resulting in an emergency landing	32
Loss of control on takeoff or loss of engine power during takeoff resulting in an accident	24
Autorotation / loss of tail rotor authority or taking off from or landing on a landing platform	17
Controlled flight into terrain	14
Amateur built/experimental	13
Gear up landings – pilot error or mechanical failure	11
Ground accident – taxiing into other aircraft or ground obstructions, or fuel trucks	11

He also provided some historical data on accidents and incidents.

Year	Accidents		Incidents	
	Number	Fatalities	Number	Injuries
2010	19	4	12	None
2011	9	1	13	None
2012	15	2	14	None
2013	8	2	17	2 serious
2014	10	2	22	1 fatal
2015	10	2	14	1 fatal
2016	12	3	16	1 fatal 1 serious
2017	16	3	26	None
2018	11	12	18	None
2019	8	1	14	None

Health: "Doc" Lenard reminded those present to protect themselves from viruses; washing hands frequently with hot soapy water and keeping your hands away from your face are key ways to help you avoid getting sick.

General Meeting Talk: Program Chairman Kerry Powell discussed upcoming programs and then introduced our speaker for the month Rob Reddig. See a summary of the talk, [TRACON Outreach](#) on page 6.



Gil Rud takes advantage of great flying weather with Aviat Husky. 2/1



President's Message

Gene Hubbard



Congratulations to Ashley Lopez on her first solo flight a couple of weeks ago! Ashley has been running our Young Eagles program since last July, coordinating among pilots, ground support volunteers, EAA National policy, and participants, both organized and walk-ins. And making it look easy. It isn't. Young Eagles rallies represent our biggest interaction with the non-flying public and Chapter 14 has one of the most robust YE programs anywhere. Keeping our YE program healthy helps the Chapter immeasurably. In case you glossed over the front page of this newsletter, Ashley has also been taking flying lessons with veteran instructor and new Chapter 14 member Steve Furtak (see p. 11), and several of us were at the field when she made her first solo on February 20th. No doubt, many of you remember the experience well. There's still a lot of work to do, but please join me in congratulating Ashley on her milestone.

Also, I hear that Gary List's application to serve as the SDM User Representative on the San Diego Airports Advisory Committee is moving forward. Gary has been active in the Chapter for many years, serving as a Director and Treasurer, caring for our flight simulator, and keeping Hangar 1 clean and tidy. Some months ago, we encouraged Gary to apply for the open SDM User Representative on the AAC. He recently received word that his appointment is on track pending City Council approval. We're still awaiting word on when that might occur. This isn't a vanity appointment—the committee members represent the businesses, users, and communities associated with both MYF and SDM and serves to advise the Mayor and City Council on policy issues. Their job is to air issues, not necessarily to agree. Gary is knowledgeable and approachable. Having him on the AAC will make it easy for all SDM user voices to be heard. It can be a thankless job. Thank you Gary for taking it on anyway.

Gene Hubbard



The coffee pot was empty. Gary fixed that too. 11/23/19

Young Eagles Report

Mark Albert

Our regularly scheduled Young Eagles event took place on Saturday, February 8th. We had an amazing turnout and thanks to our Young Eagle pilots we were able to fly 27 kids. This month, we were joined by many locals along with a small group of Boy Scouts. Thank you to Chris Constantinides, Ted Khron, Gary List, Joshua Pava, Jonathan Robbins, Gil Rud, and Ron Shipley for making this event possible. Planes in attendance included a Piper Turbo Arrow, Baron B-55, Piper Colt, RV-9A, Luscombe 8E, Aviat Husky, and an Aircoupe A-2 traveling with their respective pilots. We had a great day of flying and ended the program with lots of very excited Young Eagles.

Thank you to volunteers Ryan and Pedro Flores, Nick Candrella, Ed Watson, and Daniel Alvarado for all your help on the ground. It was great to have Daniel back out to help us with Young Eagles as well, he was very helpful in instructing kids on our flight simulators. I'd also like to thank Ron Shipley for donating two David Clark headsets to our program; your donation is greatly appreciated.

At this event we also received a new set of safety cones for our program which were purchased using a portion of last year's YE credits from National. Going into the future I hope that they will strengthen the boundary between our main hangar and departing aircraft during events, becoming a great safety asset.

Thanks again to everyone that came out for Young Eagles. I look forward to seeing you all at our next Young Eagles Day on March 14th!

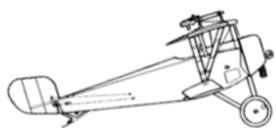
Best,

Ashley Lopez

EAA Chapter 14 Young Eagle Coordinator

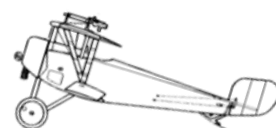


Teenie Two on the ramp, ready for Young Eagles to climb in, around, and through. 2/8



Nieuport Nieuport

Chuck Stiles



The siesta patrol has awoke and Jimmy Mack is hard at work between naps.



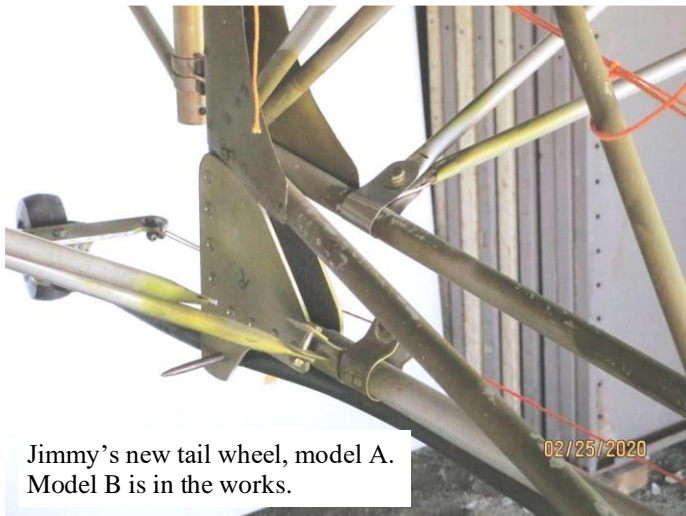
And if I don't stop picking on him, he's coming for me!



Meanwhile, Gene Hubbard is hard at work scoping out location of the magneto and starter clearance holes in his firewall.



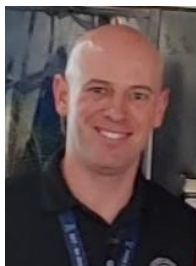
Here is a look at Jimmy Kennedy's new engine mount and fire wall. It looks official.



Jimmy's new tail wheel, model A. Model B is in the works.



Trial fit of the cowling. Look's like you could put a locomotive engine in there.



Rob Reddig

TRACON Outreach

Summary by Donna Ryan

Notes on 2/15/2020 talk by Rob Reddig

Rob Reddig, one of the agents responsible for the Coast Area of SoCal TRACON (SCT), provided an excellent, Wings-credit talk. SoCal

TRACON is the busiest Terminal ATC facility in the world, and they continue to grow. They handled over 2.25 million operations in 2018 and 2019. Here are just a few statistics about their responsibilities:

- Covers over 18,000 square miles of airspace
- Ground elevation ranges from -226 feet to 11,499 feet
- Airspace spans altitudes from surface to 17,000 feet
- 46 public airports
- 16 FAA control towers
- 6 federal control towers
- 6 military control towers
- 2 class B airspace
- 4 class C airspace
- 1 TRSA (Terminal Radar Service Area)
- Military restricted area complex
- ADIZ & warning areas
- International border
- Busiest drop zone in the world (120,000 to 150,000 jumpers a year).

Rob's facility is near MCAS Miramar and they run monthly tours where they show the radar room and discuss their operations. Six airspace areas are under one roof: San Diego, Coast, Empire, Burbank, and two areas (Del Rey and Los Angeles) whose sole purpose is to take care of LAX. There are 80 plus controllers for Del Rey and LAX, but almost all their time is devoted to handling LAX.

Rob mentioned that they use every 500 feet of vertical airspace for something; one of the slides he shared showed SCT traffic flow—it looked very complex. However, he pointed out that it isn't chaotic, because it is controlled.

One control is the amount of space that is required for IFR versus VFR separation. IFR requires 1,000 feet vertical and 3 miles lateral. However, VFR only requires 500 feet of vertical separation. Rob encouraged pilots to use VFR flight following as much as possible, even if you can fly IFR, because TRACON can then put more people in the airspace. He also asked that you advise Clearance Delivery or Ground Control that you want to use flight following. This enables them to give you a transponder code and put you on the right frequency immediately.

Rob gave us some pointers that would make our flying safer in southern California. He stressed that it is important, when communicating with them, to give location information that TRACON staff will know, e.g. SeaWorld. Don't say something like "Flying Cross" – they don't know where that is. He also noted that the new stadium in Los Angeles will be in operation soon; when there is a large event, such as a

concert or a big game, don't expect to land at LAX as there will be too much traffic.

Rob mentioned that GA traffic has been growing below 10,000 feet and so have some air related issues. For example, in 2019 there were 176 Minimum Vectoring Altitudes (MVA) events, as well as 228 laser events and 31 issues with drones. The border area is one of the problem areas for laser incidents. Jetpacks are another issue. Rob noted that one pilot took a picture of a jetpack at 5,500 feet and sent it to TRACON – which was very helpful to them in advising aircraft in the area. He also noted that there continue to be problems with pilots just clipping Class B airspace and not stating their intentions.

Rob also advised us of various hot spots around San Diego. Rob mentioned one particular problem near Palomar (CRQ) and Oceanside (OKB). Flying VFR to OKB is perfectly legal at 3,000 feet. However, for pilots flying IFR out of CRQ, the initial climb altitude is also 3,000 feet. If you use VFR flight following to OKB, then TRACON can tell you to go down to 2,500 feet or up to 3,500 feet, enabling the IFR plane at CRQ to take off. Otherwise, they have to hold the IFR flight on the ground, wasting time and gas. So please communicate.

Lindbergh (SAN) is another special area – it is a very difficult approach and leads the country in go-arounds. He cautioned us to hold our altitude in the VOR approach because big airplanes are going in and out of SAN and we are right in the path. As an example of what they are facing: if a Piper is flying at 130 knots and a Southwest airliner is coming in at 237 knots, ATC has to start planning for this at least 10 miles out. As a side note, he mentioned that an easy way to fly out of Montgomery is to request the Soledad departure option. You will need to request to use this option; look for it in the San Diego chart supplement.

Many in the audience had specific questions about IFR and there were extensive questions and answers throughout the talk. In passing Rob noted that if TRACON gives you an 03xx transponder code, it is because they have assigned all of the 02xx codes to other aircraft.

He stated that it is a myth that TRACON gives preference to air carriers over GA aircraft. It normally is first come, first served. However, TRACON frequently gives priority to GA aircraft over the airliners, as they want us to move safely out the way and then deal with the larger aircraft, which are basically the same size and same speed.

In response to a question about delay vectors, Rob reminded pilots that while they can ask for more time to prepare for a landing, they will lose their position: if you were second in line to land, you might get bumped back to eighth.

His main take-away point: The more you communicate with TRACON, and the more you use flight following, the easier it is for them to do their main job: help all aircraft to move from one point to another safely and efficiently.



The Way We Were: 2018

Donna Ryan

General

- Officers/Assignments: President: Gene Hubbard; Vice-President: Richard Kalling; Secretary: Donna Ryan; Treasurer: Gary List; Newsletter Editor: Gene Hubbard; Hangar Manager: Chuck Stiles/Ryan; Young Eagles: Mark Albert
- Kim Dodds donated his Glasair to the Chapter. Per his wishes, we sold the engine, prop and aircraft separately. EAA Chapter 292 in Oregon was happy to buy the aircraft only, as they had an engine and prop for it.
- Cavalier SA 102.5 project donated to the Chapter project (later purchased by member Dion Dyer).
- Donated prop from Ray Cote was made into a showpiece clock by Chris Puntis; Mark Loveland purchased the prop clock and then donated it back to the Chapter.
- Other donations: variety of tools and machinery from Wendy Cullum, a wing rotisserie, a gyrocopter with engine, a large dolly for moving aircraft, numerous books for the library, RV-10 parts, elliptical exercise machine.
- Board motion passed to advertise Chapter donations in the Chapter newsletter before offering them to outside buyers.
- Board decision made to provide free small bottles of water for Young Eagles.
- Board decision made to express interest in the Ray Scholarship program for young people interested in obtaining their pilot's license.
- Board discussed issues with ongoing maintenance of the bathrooms.
- Jonathan Robbins and Ron Shipley began serving as directors on the Chapter 14 Board of Directors.
- Discussion began on the advisability of exercising our lease option.
- Lunch price raised to \$4.
- New defibrillator ordered.
- Long-time member Armond Brattland passed away. He was one of our most reliable Young Eagles pilots for many years, giving rides in his Maule.
- Dennis Cullum passed away. He was involved with our Chapter for over 40 years, serving as a director, treasurer, membership chairman, first Young Eagles coordinator,



Propeller from Ray Cote's Shoestring IF1 Racer: Donated by Ray Cote, Polished and made into a clock by Chris Puntis, purchased and donated back to the Chapter by Mark Loveland. 4/2018

author of Chapter checkpoints, active pilot, etc. A moving Memorial was held at the Chapter, which included a missing man formation.

Events

- Programs included:
 - Brandon Gonzales: Runway Incursions
 - Joe Godfrey: Savvy Aircraft Analysis
 - John Mahany: Wind and Weather
 - Claressa Falcon: SDM Airpark Project
 - R.G. Head: Oswald Boelke, First Fighter Pilot
 - Garry Wing: Personal Minimums
 - Mark Albert: Building a Stearman
 - Brandon Gonzales: Why Things are Different
 - Rob Reddig: ATC Pilot Outreach
 - Mike Jesch: Seven Deadly Sins
 - Dwain Deets: NASA Projects
 - General Robert Cardenas: Flight Through Time
- Very active Young Eagles program. 292 Young Eagles were flown during the year, as well as Eagle Flights. Besides individuals, we flew groups such as the Coronado Sea Cadets, the FAA ACE Camp, Young Marines.
- Chapter Open House was held in August in conjunction with Young Eagles Saturday. Trinidad López was the coordinator and he did a fantastic job. Lots of preparation needed for airport approval, parking, safety, food prep, site setup and teardown. We had a BBQ, prizes, raffles, flymart, information on various topics including how to become a pilot and how to get started building an airplane. Close to 200 people visited. Although the event went very well, the Board identified some lessons learned: hold an event in spring or in the fall because of the heat; hold it



Lista Duren and Gene Hubbard sell another raffle ticket at the Open House. 8/11/2018

as a separate event from a Young Eagles event, advertise it earlier to fellow pilots in nearby areas.

- Participated in the Ramona Air Fair; we manned both a Chapter 14 booth and a Young Eagles booth. At the Chapter booth, we had our popular Build-a-Box project (teaching basic metalworking skills to kids); in the Young Eagles area, we flew 42 kids.
- Pete Grootendorst was recognized for 15,000 hours of flight.
- Kevin Roche was recognized as a Life Member of the Chapter.
- Mark Albert received the Hunsacker Award.
- Ryan received an award for exemplifying the spirit of experimental aviation (has acquired, modified or flown 29 (and counting) experimental aircraft).
- Plane/Project activity (lots more going on than is listed): Mark Albert's made adjustments to alignment on the RV-3; Gene Hubbard got the engine on his Nieuport and worked on a cowl, Jimmy Kennedy, Jim MacKinnon, and Chuck Stiles made steady progress on their Nieuport replicas; Gert Lundgren completed his bulkhead empennage on the RV-12 he began building; Joe Russo and Gene Hubbard started working on the Stits Playboy project: wing frames were attached and the ailerons were taken off; Ryan worked on tail wheel adjustments for one of his Dragonflies.
- Chapter members supported the Brown Field Master Plan public meetings.
- Brown Field celebrated 100 years of operation in October. Garry Adalian with his Acrosport and Ron Shipley with his A-2 Aircoupe were part of the display for the celebration.
- Chris Puntis' Sonex found a new home in the Flagstaff area.
- Bob Johnson checked out the recently arrived replacement Champ at First Flight; he reported that it flew fine.
- Ron Shipley made new signs directing visitors to EAA Chapter 14.
- New coke machine purchased after old one died.
- Ron Shipley performed fix on our donated air compressor – it is big enough to run a blast cabinet.
- Deadline for ADS-B was looming and was the subject of much conversation around the hangars.



*Alan Sparkes
tries out the
donated Benson
Gyrocopter in
Hangar 3.
8/10/2018*



Tristan Werner poses in Ryan's white Dragonfly. Ryan completed taxi tests and started flying this plane in May 2018.

- Jonathan Robbins wired the Eagles Nest to expand our WiFi capability.
- Annual inspection of our leasehold went well. The Real Estate Department representative wrote "The property looks great. Thanks for the good work."
- "Doc" Lenard reminded pilots what to do to ensure we can keep flying longer: eat well, get adequate rest, exercise, stretch. He also noted the danger of flying while using products containing aspartame.
- Jimmy Kennedy, Kevin Roche, and Alan Sparkes made the trip to Oshkosh – they all served as special volunteers in the Warbirds area.
- Ryan and Alan Sparkes drove up to Riverside to pick up Bob Osborn's old glider which had eventually ended up there. Depending on interest, the glider would be fixed up and used for display.
- Flyouts to Chiriaco Summit, Hesperia, Flabob, Borrego Valley
- Hosted Airports Advisory Committee (AAC) meeting in October.
- Shipping container was made secure and was partially cleaned up so the issue of resident rabbits could be addressed; much rusty metal was disposed of. Lots of items stored under the trailer were disposed of as well, to make it less attractive to the rabbits. Old lattice and dead plants and a disintegrating planter were taken out.
- UFO (United Flying Octogenarians) meetings were held approximately every quarter on 5th Saturdays.
- Project undertaken to make the Teeny Two into a training display aircraft (add stencils identifying the different surface and parts of the plane – this will help with the YE introduction to flight overviews).
- Runway 27R was closed because of resurfacing; heavy trucks rumbled up and down Old Charlie.

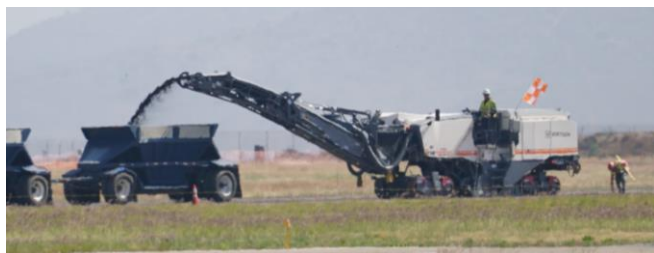
Newsletters

- Features
 - George Haloulakos: Martin/GD RB-57F Canberra
 - Jim Wright: Your Next Aircraft: Wood & Fabric, Aluminum, or Composites?
 - Mark Long: Propeller Design, Science, Math, and Astronomy
 - Bob Johnson: Memories of Uncle Al
 - Bob Johnson: Incident with Champ 2869E

- Bob Osborn's BG-12 Sailplane
- Kaitlyn Werner: Experiences at Kent State Aviation Camp
- Larry Rothrock: Brown Field Centennial
- Construction
 - Tobias Burch: Carbon Cub Build Progress
 - Chuck Stiles: Mac Magic (Jim MacKinnon's Nieuport)
- Memorials:
 - Fran Berra
 - Dennis Cullum
 - Armond Brattland
- Summaries of Meeting Presentations:
- Museum Visits:
 - U.S. Space and Rocket Center
 - Aviation Museum of New Hampshire
- Ongoing Articles: Chapter Briefing (contributions by various members on what was going on at the Chapter); Donna Ryan's "The Way We Were" (year by year account of Chapter 14 activities); Gene Hubbard's "President's Message"; Mark Albert's "Young Eagles Report"; Board Meeting Minutes; Marketplace; Upcoming Programs, New Members; Kennedy Caper (Jimmy Kennedy's Nieuport construction)

Numbers:

- Membership: 186
- Young Eagles flown: 292



*Big machines on runway 27R grinding up the old surface.
4/30/2018.*

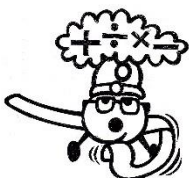
Sources: Willy's Electronics

Richard West

I recently re-discovered a great place for electronic components. It is Willy's Electronic Supply in National City. Connectors, Coax cable, zip ties, tools for electronics, switches, batteries for cordless phones and so much more.

It is at 1636 D just off E. 18th and it a great place just to walk through on a journey of discovery.

This is NOT a store of surplus parts, but I enjoy those as well.



Richard West

Last Call to Renew

Donna Ryan, Chapter 14 Secretary



Thanks to all of you who have already renewed your membership for 2020. We very much appreciate your support. But for those of you who haven't yet renewed, please take just a minute to think about what your membership means. Your membership enables us to maintain our facility at Brown Field, pay for our lease and supplies, and expand our Young Eagles and Eagles programs. In addition, your membership helps us to be a vocal and respected member of San Diego's aviation community, as we continually try to make general aviation stronger, safer and more affordable. We want to 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.

At the end of March, we regretfully will be removing the names unrenewed members from our membership rolls. For those of you who haven't yet renewed, please take the time to do so. You already know of the romance, wonder, adventure and the dream of flight; you also know that there is strength in numbers in our quest to support and protect general aviation.

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 payment slot of the Membership/Hangar Rent payment lock box next to the lunch counter in Hangar 1; you can also put them in the Mail box outside of Hangar 1.

You may prefer to renew using PayPal. To do so:

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 "2020 membership for [your name]"
6. Send the payment.

If you haven't yet renewed, please take the time to do so. We look forward to having you with us once again in 2020.

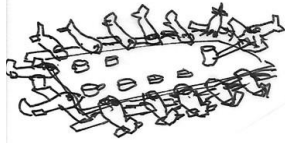


Ospreys at SDM a few months ago. 12/3/2019

February 2020 Board Meeting

Donna Ryan, Chapter 14 Secretary

Provisional Minutes – Pending Board Approval



The meeting was called to order by President Gene Hubbard at 12:55 pm on February 15, 2020.

Directors and officers present were: Pete Grootendorst, Gene Hubbard, Jimmy Kennedy, Ted Krohne, Gene Lenard, Kerry Powell, Jonathan Robbins, Donna Ryan, Alan Sparkes, Ron Shipley, Chuck Stiles, Stu Strebig. Directors and officers absent were: Trinidad Lopez, Kevin Roche (excused), Larry Rothrock (excused). Guests: Mike Steel, owner of San Diego Seaplanes

Board Decisions

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

- January Board Meeting Minutes reviewed and approved. Ron Shipley/Stu Strebig: passed.
- Treasurer's Report reviewed and approved. Stu Strebig/Kerry Powell: passed.
- To meet bank requirements for a 501(c)(3) non-profit corporation, open new checking account. Transfer the current checking account into the new account once all previous checks have cleared: passed. Stu Strebig/Alan Sparkes
- Motion to adjourn. Alan Sparkes/Jonathan Robbins: passed.

Action Items

Previous:

- **Larry Rothrock** will explore the possibility of obtaining a new grant for a new flight simulator (pending).
- **Trinidad López** will contact the Borrego Airport to see if the first Saturday in March will work as fly-out/camp-out dates (pending).
- **Jimmy Kennedy** and **Ron Shipley** will see if additional electrical outlets can be added to our kitchen counter (pending)

New:

- **Gene Hubbard** and **Larry Rothrock** will review the financial feasibility of exercising the Lease option and present recommendations to the Board (pending).
- **Donna Ryan** will send another copy of our original lease proposal to all directors (closed).

Guest Comments

A representative from San Diego Seaplanes gave a short overview of his company and mentioned that they provide charitable rides to non-profit organizations such as ourselves, especially for youth programs. He provided a variety of scenarios that could assist the Chapter, he also mentioned that they could provide seaplane rating for a

substantially reduced amount. The Board thanked him for the information.

Old Business

Lease Option: The Board briefly discussed the choices available to us in moving forward on the lease option. **Donna Ryan** will send a copy of the original lease proposal to all directors once again as it contained not only the proposal, but the financial development summary as well. The Board will review the information and discuss the matter at the March Board Meeting.

Web site: **Kerry Powell** provided an overview of what has happened so far on the new website. Several members offered to provide information on their projects or planes for the website. The Board expressed appreciation to Kerry for all of his hard work on the website.

Expenditure Limits: The Board discussed the motion made last month concerning director expenditure limits to ensure all directors were clear as to its intent and wording. The Board agreed that the motion reflected the Board's intent and that no further action was necessary.

New Business

Chapter Checking Account: **Gene Hubbard** reported that when he went to the bank handling the Chapter checking account to update the approved signers on the account, the Bank noted that we needed to close our current account, vested as an unincorporated non-profit, and open a new account which would be vested as a 501(c)(3) non-profit corporation (the correct legal designation of our Chapter). The Board approved making the change. **Gene Hubbard** and **Ron Shipley** will go to the bank and complete the change. They will open up the new account with a nominal amount but will leave the old account open until all old checks have cleared. It will then be closed.

Replacing Electrical Panel: **Chuck Stiles** noted that **Jimmy Kennedy** and **Ron Shipley** will be replacing the main electrical panel in Hangar 1. The work may take up to two days.

President **Gene Hubbard** adjourned the meeting at 1:55 pm.
Submitted by **Donna Ryan**



Chris Puntis looks up from breakfast. 2/8

New Members

Donna Ryan

Welcome to our new members. Information below comes from their membership application.

Some people just include the essentials; others expand a bit on their experience and we always appreciate that.

Look for them at the next meeting, introduce yourself and get to know them better. We very much appreciate their support.

Tom Doyle flies a 1968 C-177 and is a private pilot. Thanks, Tom, for joining our Chapter.

Steve Furtak flies a C-182A and is a CFI at First Flight. He holds ratings of CFII, MEI, and SESI. He can help with flight instruction and as a Young Eagles pilot. Interesting facts: Steve helped Ryan get his pilot's license several decades ago, he checked out Gene Hubbard in his Tri Pacer, and he also just helped Ashley Lopez, our Young Eagles coordinator, pass her solo. Well done, Steve!

Anthony Granda is a student pilot and on the day he joined he brought down his CT2K light sport aircraft for display – nice looking craft. He is interested in LSA amphibians. The company he works for is involved with drone manufacturing and he offered to write up an article in the newsletter- great volunteer spirit!

Bob McCall holds SEL and SEA ratings and flies a C-162. He plans on building an Arion Lightning LS-1. We'll look forward to the progress on that beautiful aircraft.

Josh Pava flies an RV-9A and holds the following ratings: ATP, AMEL, CSEL, CSES, CFI. He was encouraged by one of our Young Eagles pilots to join our Young Eagles program and promptly signed up to help out in February. In addition to helping with Young Eagles, he has computer and IT skills – all useful assets to our Chapter. Thanks, Josh, for helping out already.

John Schaper is the FAA Safety Team Manager in our area and has given several informative talks during our general meetings. He holds ratings for commercial pilot, A&P, and IA. He is an FAA airworthiness inspector and has over 54 years experience in aviation. He also is a recipient of the Charles Taylor Master Mechanic award.



New EAA-14 Member Steve Furtak poses with students and alumni after Ashley's solo. L to R: Steve, Stu Strebeg, Ashley Lopez, Gene Hubbard, Ryan. 2/18



Kerry Powell, Program Chairman

Descriptions from the announcement on faasafety.gov:

March: Airspeed or “Pitch and Power” My Decisions. I Just Want to Fly. Richard Eastman emphasizes that we've ALL (himself included) been taught to fly with the wrong emphasis! Look at any airplane POH or flight manual—they all discuss airspeed criteria. As students, among the very first things we're taught are (a) rotation airspeed, (b) climb airspeed, (c) descent airspeed, (d) flare airspeed, and most importantly (e) stall airspeeds.

The FAA notes that from October 2017 through September 2018, 382 people died in 226 general aviation accidents. Loss of Control (LOC) was the number one cause, accounting for one fatal accident every four days.

The flight envelope reflects pitch-and-power, NOT airspeed. Airspeed verifies correct pitch-and-power, but it is a result, not the flight condition itself. The high LOC accident rate results from pilots flying airspeed (or not, as the case may be) and NOT managing pitch-and-power.

This discussion will attempt to get pilots thinking and talking about how to measure flight as a function of pitch-and-power, not necessarily airspeed.

Marketplace

Engine for sale: Continental 0-470-7B (E-185-3). O SMOH. Rebuilt 1982. Documentation. Located in Ramona. \$9,000/offer. Text or call Dave at (619) 987-6398 (1911)

Chapter 14 apparel for sale. New Colors, all sizes. Also polo shirts, sweat shirts, and caps. See any director at the Chapter for assistance.



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 style="float: right;" type="checkbox"/>					
New Member/Updates for Current Member					
Name (Mr., Mrs., Ms.) <i>Please Print</i>				Name to Use on Badge	
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: \$35 (\$22.50 after July 1)		Renewal: \$25 (due Jan 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		

Around Chapter 14

Photos by Chapter Members



Ashley Lopez displays her cut-off shirttail after soloing. 2/20



Flight line on meeting day. 2/15



Trinidad and Sharon Lopez relax a bit after serving lunch to the vultures. 2/8



New Member Anthony Granda works on his CT2K. 2/8



Visiting Cherokee 235 on meeting day. No other information. 2/15



Program Director Kerry Powell presents February speaker Rob Reddig with a Chapter 14 baseball cap after his presentation. You too can have a hat like this—see Chapter Shopkeeper Trinidad Lopez. 2/15



Long line of Long EZs at Copperstate. And a Yak.

March 2020

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 Events

Open House at the Brown Field hangars:
every Saturday from 9:00 am to 2:00 p. Lunch at 11:30

Young Eagles Flights:
9:00-1:00 am, second Saturday of the month

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

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

Directors Meeting: after lunch in the library. 3rd Saturday

Hangar Phone:

619-661-6520

Contact:

Donna Ryan (Chapter Secretary)

(858) 273-4051. Leave voice mail or text.
eaal4contact@gmail.com

Director Name	Phone #	Email
Pete Grootendorst	(619) 370-4164	pjgrootend41@cox.net
Gene Hubbard	(858) 722-1918	nx421gn@gmail.com
Ted Krohne	(619) 435-8940	tedkrohne@hotmail.com
Jimmy Kennedy	(858) 274-6266	jk@kencomgraphics.com
Gene Lenard	(619) 442-4978	elenard@mac.com
Trinidad Lopez	(619) 661-7117	bajaassy@aol.com
Kerry Powell	(760) 613-4389	kgpowell@roadrunner.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
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
Chuck Stiles	(912) 661-0486	hangarmanagereaa14@gmail.com
Stu Strebig	(619) 346-9788	trail2texas@yahoo.com

Experimental Aircraft Association
San Diego Chapter 14
1409 Continental Street
San Diego, Ca 92154-5707