



# Spirit of Flight

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

**June 2020**



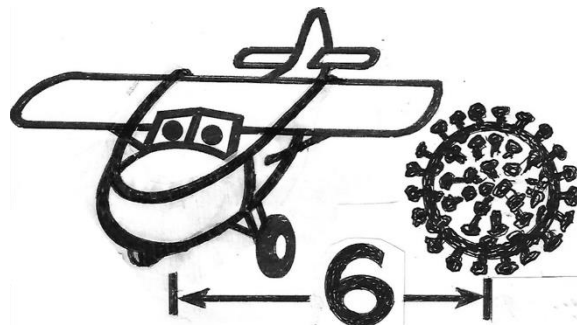
*One of the local Yaks touches down at SDM. The airport is open and there has been some pretty good flying weather. Photo by Jim MacKinnon 5/26*



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No activities scheduled due to COVID-19 social distancing rules. Stay safe.



# Chapter Briefing

EAA Chapter 14  
Members



**Chapter Activities:** Information provided by Chapter members.

**Week ending May 2:** Beautiful weather – Gary List replaced the door frame on the Chapter trailer; Mark Albert, and Jim MacKinnon were working on their planes. Gleb Dorogokupets worked on the high performance exhaust system for the Serendipity Club Piper (see page 5). Gene Hubbard brought in a new adapter for his starter. Ryan finished the preparations for the annual on his Dragonfly and it passed – good for another year of flying. Dan McCarthy was hoping to get some flight time in.

*Library Door Fixed! Remember how ratty the door to the trailer used to look? No More. Gary List took advantage of COVID down time to replace the doorframe this month. It certainly looks better and might be a bit more secure. Thanks, Gary!*



**Week ending May 9:** First the good news. Tristan Werner received his instrument rating! Tristan was extremely active in our Young Eagles program starting when he was 8 years old. He attended our Young Eagles events on almost a monthly basis right until he aged out and went off to college to get a degree in aviation. Well done Tristan – it took a lot of hard work and effort. The family sent many thanks to the Young Eagles pilots who mentored Tristan for many years. Now the bad news. No Oshkosh this year. Jack Pelton's message about the cancellation included the following statement: "Our convention attracts EAA members not only from the U.S. but around the world. Today we cannot predict when we will be at a point that our event meets the all clear Phase 3 milestone for mass gatherings with restrictions. . . I see no clear path to meet our own requirements to ensure the health and safety expectations our organization demands for our employees, members, volunteers, exhibitors and attendees. . . My conclusion is, like in any good flight planning, don't take the risk. . . Together, we can come back stronger, safer and ready for AirVenture 2021 and create a memorable world class



*Trevor Pearson whacks weeds! I understand that he started out with the Chapter weed whacker, then moved on to more serious equipment as the size of the job became apparent. Thanks Trevor! 5/13*

aviation event." Oshkosh is certainly a major event for many of our members, even if they can't go, as they always enjoy the DVDs and magazine articles that come out of the event.

**Week ending May 16:** This week brought more bad news. Longtime member Ralph Pierson passed away and the contents of his Jet Engine Museum here at Brown Field are being sold. Ralph was a frequent visitor to the Chapter, especially during the week and was a regular for many years at the Tuesday/Thursday lunch table. He hadn't been able to come to the Chapter for several months – we'll miss him. The week also saw increased activity at the Chapter. Member Trevor Pearson spent several hours mowing all the spring grass that has grown up around the Chapter. No one asked him to do it – he just saw a need and did it. That's the kind of volunteer spirit we desperately need. Gleb Dorogokupets and Ross Kovalskii each took the Piper out for some flights and on Saturday, the Serendipity Club got together down at Hangar 3 to go over matters and clean up their area. John Collins and Pete Grootendorst stopped by and Jim MacKinnon resumed work on his Nieuport. Ryan has started cleaning up the wiring on his Titan. All of Craig Cornford's work on his Busby Mustang is paying off – he can taxi it around now. Randy Lee purchased another Loehle 5151 Mustang – he only intended to buy the engine,

*Tristan Werner checks the IFR box! Congratulations!*





but got the plane as well. Heard from Chuck Stiles up in Idaho. He is busy working on lots of projects around his property and having lots of adventures in the process. We all look forward to hearing about them in his own inimitable manner when he comes back to San Diego.

**Week ending May 23:** Nice weather brought some members down to the Chapter, including Craig Cornford, Jimmy Kennedy, Gary List, Kevin Roche, Ryan, Ron Shipley, and Richard West. Ron and Gary spent some time going over tax related items for the Chapter. Then Ron helped Ryan do an initial weight and balance on the Titan, after which Ron took the Aircoupe out for a flight.

**Week ending May 30:** On Monday, Trevor Pearson showed up at the Chapter to do some more much needed mowing around the Chapter. Ryan needed an extra hand to help do another weight and balance on the Titan – always a two-man job. So Trevor helped with that too. A variety of Chapter members stopped by during the week to look around, chat and work – observing social distancing, of course. After some maintenance on the fuel tank, Ryan started up the engine of the Titan and did a series of aborted take-offs to test out some of his aircraft updates. So far so good. Randy Lee brought down his new 5151 Mustang and unloaded it in preparation for starting work. Previous member Trung Nguyen showed up to have some welding done on a gas tank. A number of years ago, long-time member and director Ron Schuler had donated the Teenie2 aircraft to the Chapter. Ryan sold it to Trung, who donated it back to the Chapter when he needed his garage back. He was pleased to see it was being used in our Young Eagles' program.



*Randy Lee trailers his "new" Loehle 5151 to the Chapter. He tried to buy just the engine, but wound up with another airframe.*



*It wouldn't be SDM without at least one F-18 around. Jim MacKinnon caught this on 5/17*

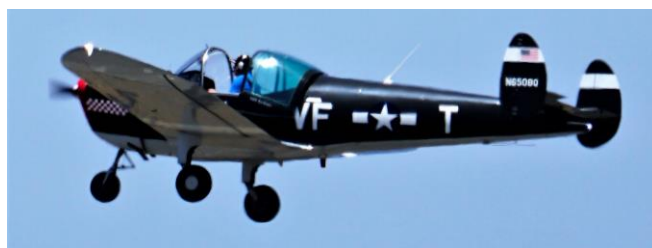


*SDM Bandito? Jimmy Kennedy demonstrates proper face covering for social distancing.*

## Knocking Off the Rust

**Jim MacKinnon**

*There's been some pretty nice flying weather at SDM lately. Jim MacKinnon observed these aircraft in the traffic pattern practicing while he was working on his Nieuport. Continued on page 6.*



*Ron Shipley and his Aircoupe*



*Jerry Furnas and his RV-4*



*Flight Design CTSW, built in 2005*



## President's Message

**Gene Hubbard**



Just a few things to talk about this month. First of all, my apologies for being late getting the Spirit assembled and published—I've been out of town--attending to family business in Michigan. It's not that there isn't any

news to report.

More than one person has asked about our plans to re-start Chapter activities. It's a reasonable question. This issue of the Spirit shows plenty of people working on planes and flying, and we get occasional reports of informal flyouts and gaggles. However, as a public-facing organization, the Chapter and its officers have an obligation to avoid situations that even potentially endanger either our members or the public. We're all looking forward to re-starting organized Chapter activities, but we cannot encourage either our members or the public to put themselves at risk by attending.

Finally, I have to mention a "phishing" scam that's going around where members get an e-mail, supposedly from me, soliciting money for either a charity or some sort of emergency and to be paid with gift cards or other cash-like fund. Take a look at Donna's notes below on how to recognize these attempts and don't get caught.

*Gene Hubbard*

## Ray Scholarship Update

**Trinidad Lopez**

Things are starting to move along on Ryan's flight training. He is now scheduled to start flight training June 9th at 4 p.m. Aircraft rental, fuel, and CFI will be provided by First Flight at Brown Field. I consider them to be the best selection based on availability and price.

His CFI for flight training will be Paul Chapman. I spoke with him and he seems to be very enthusiastic about participating in the scholarship program. In addition he will be taking his Private pilot written test on June 13th.

*Trinidad Lopez*



*Flight Design CT2K at SDM. This is a German-made LSA built in 2004. 5/26*

## Phishing Attempt—Beware!

**Donna Ryan, Secretary**

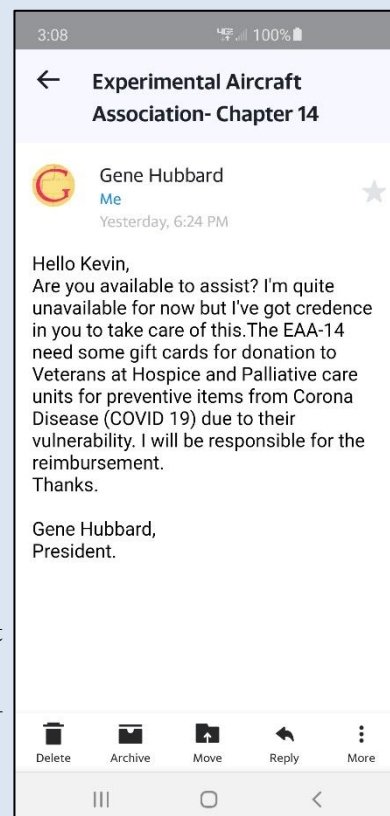
Several days ago, a phishing attempt went out to our Board members, ostensibly from Gene Hubbard, to buy gift cards from Amazon on his behalf to help veterans. I deleted the email I had received, as I realized it was a phishing attempt, but Kevin Roche also received one and sent it on to me. I am attaching the picture of the email Kevin received. You may have received one that looks different depending on your e-mail service.

We had a problem with this a year or so ago and one of our Board members unfortunately responded and sent money. Well, the scammers are at it again. These are not legitimate requests – they aren't from Gene. Phishing attempts depend on us looking just at the name the email is supposedly from – and trusting it. However, the actual email address doesn't belong to the person supposedly sending the email – it is someone completely different. Unfortunately, other scams depend on our same impulse to just check the name, thinking we know this person, and so click on a link etc., thinking it is legitimate. But, unfortunately, sometimes it is not and we can open ourselves to all sorts of computer viruses and worse.

Make sure you actually look at the email address the request is coming from – don't just go by the name.

Finally, the Chapter, and the Board, are not soliciting money for charitable institutions – so if you see a request for funds, credit card payments, gift cards, etc. – don't do it. It isn't from us.

*Donna*





# High Performance Exhaust System

By: Billy Lopez

*Editor's Note: Billy Lopez wrote up this information in the early part of May about the new high performance exhaust system the Serendipity Club had installed on their Piper PA 28-140. They'll have more information about the system as time goes on.*

One of the reasons we wanted to install the Power Flow Tuned Exhaust system, or for that matter acquire it, was to help the engine perform better on our Piper PA 28-140. The system promised to make the engine last longer by lowering the cylinder head temperature and improving the exhaust performance. We found the ad on Texas air salvage for \$1,500 for the entire kit. After we purchased the kit we found it was missing a key component called the nose bowl. Along the way we found various other little things that needed to be rerouted such as the oil lines and the fuel lines. As per the instructions, we weighed the new system, along with the old exhaust system; the Power Flow weighed two pounds more. After following the directions and making sure that the oil lines were safe and that we didn't have to buy any other new parts other than scat tubing and the bowl, everything went together very nicely.

The best deal we could find on a purchase of that kit brand new was somewhere around \$4,500 if you purchased it at a flying event. Otherwise, if you went to Power Flow System direct it was \$5,500 not including installation. Even with the extra associated parts I believe we got the entire system installed for around \$3,500. That includes the STC (Supplemental Type Certificate) to be signed off by an IA.

We are very happy with the system. Both on the ground and in the air, the engine definitely runs a lot smoother. In the air I seemed to notice it sounds a bit different. In addition, a secondary resonance could be heard at about 500 feet AGL which I do not recall hearing from previous flights. I observed it from the ground at EAA while fellow Club member Gleb Dorogokupets was flying it. One added benefit: The STC also raised the service ceiling. As for fuel savings, I think we are at 5.5 gph now, but we will be monitoring this further using data from the EDM 730 that our plane has.



*Bombardier BD-700 carrying someone with a lot of money, maybe to a Cinco de Mayo celebration. 5/5*

# Photos from AirVenture 2019

Kevin Roche

*With AirVenture cancelled for this year, Kevin thought we might enjoy some of the photos that he took of KIP Aero's offering at last year's event.*



*KIP Aero's replica of the Sopwith 1 1/2 Strutter. This was a two-seat fighter that saw service in WWI in the 1916-1917 time frame. The replica uses a real rotary engine. If you have to ask how much it costs, either in kit form or assembled, you can't afford it!*



*Closeup of the engine and propeller.*



*Aft Fuselage: Wires everywhere. This one is in British markings, but most of the 6,000 or so 1 1/2 Strutters built were actually flown by the French. The Russians, Americans, Belgians, and Japanese also flew them*

## Marketplace

**ZENITH CH750 STOL • \$67,500 OBO • LIGHT-SPORT AIRCRAFT FOR SALE!** • Built by legendary award winning builder Marv Vanderpool in 2013. Incredible build quality like no other. TT: 72hrs. Mattituck brand new Continental IO-240 125hp. Whirlwind Ground Adjustable Prop. Better Ergonomic Dual Stick Option. Upgraded Nosegear Fork. EarthX Lithium Battery (New2020). GTX-320A Transponder. ICOM A210 Comm. Unpainted beautiful exterior. Beautiful custom interior. Michelin 8.00x6 Tires. Vortex Generators. Fresh Annual by A&P Nov 2019. Amazing slow speed handling. Light Sport Compliant. • Contact Gleb Doro, Friend of Owner - located San Diego, CA United States • Telephone: 347-575-3102 (5/20)



**Highlander - JUST Aircraft • \$65,000 OBO • LIGHT-SPORT AIRCRAFT FOR SALE!** • TT:~700hrs. Rotax 912ULS. 3 Blade - Ground Adjustable - KIEV Prop. Dynon Avionics Skyview. Grand Rapids EIS. Vortex Generators. Good payload capacity. Light Sport Compliant. Not in annual. Log books are lost unfortunately. • Contact Gleb Doro , Friend of Owner - located San Diego, CA United States • Telephone: 347-575-3102 (5/20)



**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 (4/20)

## New Member

**Donna Ryan**

Welcome to **Audra Santana** who joined in May. **Audra** is a student pilot with a passion for flying. She is interested in connecting with other members in the Chapter to learn more about aviation – and to fly! We look forward to meeting her once our general meetings resume – and hopefully one of our pilots can offer her a flight as well. Thanks, Audra, for joining our Chapter.



## More Rust

*Continued from page 3.*



*Garry Adelian and Jezebel*



*1974 Cessna-180J*



*Glasair Sportsman*



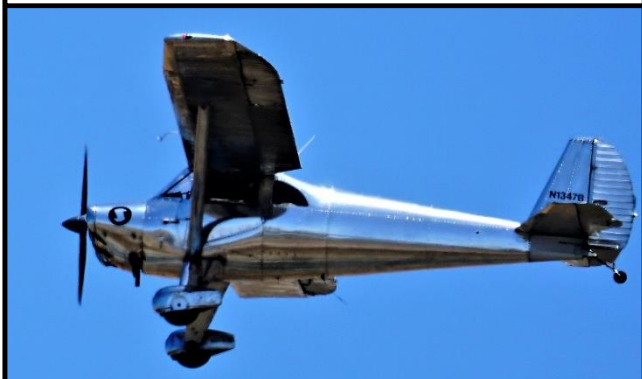
# Around Chapter 14



*Ryan taxis the Titan to check out the instruments. 5/19*



*Beech 300C belonging to the Department of Homeland Security touches down at SDM. The radome on the back is probably some sort of surveillance equipment for patrolling the border. 5/28*



*Jonathan Robbins out flying 5/26*



*Brett Stephens stops by with his Luscomb 5/28*



*I'm not sure that we've seen this Champ before. It's registered in South Dakota, so it's probably just passing through. 5/26*



*Another photo of Trevor Pearson mowing the weeds near Old Charlie. He looks happy that he's nearly done! 5/13*



*Richard West in Hangar on Cinco de Mayo*



*Another SDM resident on Cinco de Mayo*

# June 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.

## Contact:

Donna Ryan (Chapter Secretary)

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

Director Name	Phone #	Email
Pete Grootendorst	(619) 370-4164	<a href="mailto:pjgrootend41@cox.net">pjgrootend41@cox.net</a>
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Chuck Stiles	(912) 661-0486	<a href="mailto:hangarmanagereaa14@gmail.com">hangarmanagereaa14@gmail.com</a>
Stu Strebig	(619) 346-9788	<a href="mailto:trail2texas@yahoo.com">trail2texas@yahoo.com</a>

## 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. 3<sup>rd</sup> Saturday

## Hangar Phone:

619-661-6520

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