



Spirit of Flight

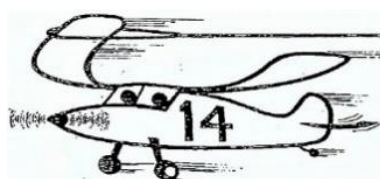
Experimental Aircraft Association

Chapter 14: San Diego, CA

August 2023



Ron Shipley takes a Young Eagle for a ride in his Aircoupe at the July YE rally. Photo by Nick Candrella. 7/8



Upcoming Events

August 5th—First Saturday Lunch, provided by Tim Johnston

August 12th—SUMMER BREAK: NO Young Eagles Rally this month

August 19th—SUMMER BREAK: NO Pancake Breakfast or Membership Meeting.

August 26th—Chapter Barbeque and Fly-In

September 2nd—First Saturday Lunch

September 9th—Young Eagles Rally

September 16th—Pancake Breakfast and Membership Meeting. Program TBA

September 23rd—Member-Only Moonlight Dance

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Chapter Briefing

EAA Chapter 14 Members



Chapter Activities: Information provided by Chapter members.

Week ending July 1: Some welcome news – member Tim Johnson received his CFI rating. Well done! Glad all the hard work paid off. Gert Lundgren took advantage of the nice weather and his RV12iS got almost a daily workout. Ryan volunteered to provide lunch on the first Saturday – lasagna, salad, and ice cream – always a good choice. A good group was present to enjoy it. Grant Rotunda, our Young Eagles Coordinator, volunteered to serve lunch as Ryan was busy working on his E-Racer. Ryan was grateful for the help. Nigel Worrall made another trip out to Arizona to work on building his Arion Lightning. He reported the swamp cooler was welcome in the heat they are having over there.



First Saturday lunch at the Chapter. Thanks to Ryan and Grant Rotunda for pulling this together.

Week ending July 8: On July 4th Gert Lundgren and Jim MacKinnon exercised their freedom by taking a nice flight in Gert's RV12iS. Jonathan Robbins spent the 4th spiffing up the Meyers. Saturday was great flying weather and our loyal Young Eagles pilots turned out to give rides to a large number of Young Eagles. They included Chris Constantinides, Chase Franzen, Fred Lieder, Jonathan Robbins, Finbar Sheehy, and Ron Shipley. As usual, Trinidad and Sharon Lopez prepared a filling and tasty meal for all – hamburgers, hot dogs, French fries etc. As a special activity the Young Eagles provided an ice cream social – a big hit in the warm weather. Ryan gave a long Eagle flight to as lady who hadn't been able to fly at our scheduled Flying Start event because of the weather. She works for Boeing and the flight gave her even more resolve to start working towards her pilot's license.

Week ending July 15: During the week, the Nieuport and Stits builders were busy on their projects. Ryan helped Gert Lundgren chase down a starting issue with the RV12iS – pesky loose connection. Big news: we hear that member

Bob McCall purchased an Arion Lighting Light Sport – we can't wait to see it. On Saturday, as always, member Tony Quintal was there early to set up Hangar 1 (we really appreciate his constant willingness to handle this chore) and Kevin Roche and his son David provided an excellent pancake breakfast – there was a large crowd to enjoy it. Directly after the meeting, a Directors Meeting was held and among the many topics discussed were bids on fixing potholes in the driveway and asphalt resurfacing of our entire facility. Paint costs were analyzed as well. Lots of expenses coming up. Even though it was a warm day, member Zach Klessner did his part in helping out the Chapter by vigilantly applying weed control around Hangar 3 and the small hangars. He is a whirlwind when he works – we really appreciate his hard work and volunteer spirit. During the week, the Chapter also sent in papers to host the Ford Tri-Motor. See an article about this elsewhere in the newsletter.

Week ending July 22: Because of hot weather elsewhere, only die-hard pilots and builders made it down to the Chapter – which because of its location, actually enjoyed a nice breeze so work and flying was possible and enjoyable. Gert Lundgren made several flights and Ryan took two returning Eagles for flights. Big news of course is that Oshkosh is almost here. A number of our members planned on going and on Saturday, July 22, four directors caught the same plane: Jimmy Kennedy, Kevin Roche, Ron Shipley, and Nigel Worrall. Hope they have a great time and come back with lots of stories and pictures.

Week ending July 29: Hot weather again plagued much of the City, but the Chapter always enjoyed a nice breeze which meant our usual crew was present working at the Chapter. Member Stephen Prentice stopped by on Saturday to say hi – nice to see him. Grant Rotunda and a number of volunteers got ready for the special STEM day being held at North Island on Monday, July 31. EAA 14 will have a booth as part of the event and volunteers will pass out Young Eagles information, as well as help interested kids construct our glider kits. As part of the display, we were invited to fly in one experimental plane. Rich Brazell (Thorp S-18) was the first to apply, so he gets to fly into North Island – what an adventure! We're looking forward to hearing how the day went. And a special shout-out to last minute volunteers who pitched in to help when some volunteers had to cancel. We really appreciate their enthusiasm and willingness to represent the Chapter.



Parents wait in Hangar 1 while Young Eagles go flying. 7/8



President's Message

Hello Everyone,

Our Chapter will be taking a break from normal activities during the month of August. Our normal schedule of Young Eagle flights, breakfast, lunch and monthly presentations on the second and third Saturdays will not be held. We want to set this time aside to allow our pilots and volunteers to take a well-earned break, and to allow our members time to participate in family trips, vacations, and other summertime activities. The Chapter will be open during this period of time and available to members wishing to use the chapter facilities.

The only activity scheduled for August will be our Chapter barbecue and fly-in scheduled for the 4th Saturday of the month, August 26th. This event was rescheduled from July due to conflicts in schedule from members wishing to participate at AirVenture. Watch your email inbox later in the month for more information about the BBQ.

We will be returning to our normal schedule of activities in September. Also in September we will be hosting a member only moonlight dance the fourth Saturday of the month, September 23rd.

In October, our Chapter has the special privilege of hosting the EAA trimotor during its stop here in San Diego. This is scheduled for October 9th thru the 15th.

We will need volunteers to help host these events, as the Ford trimotor alone will require 12+ volunteers.

I hope everyone enjoys this much deserved summer break. See you soon!

Clear skies,

Trinidad Lopez



EAA-14 members tend the Chapter booth at the NASNI STEM event on July 31st. Participants who stopped at the booth got a chance to build and fly an EAA glider model.



July Young Eagles Report

Grant Rotunda

July is always a busy month with Independence Day celebrations, family summer vacations, EAA AirVenture Oshkosh and of course the monthly EAA

Chapter 14 Young Eagles event. On Saturday, July 8, 40 Young Eagles descended on the chapter to participate in the day's flying activities, including 17 receiving their first flight. This was not possible without the generous support of pilots **Chris Constantinides, Chase Franzen, Fred Leider, Jonathan Robbins, Finbar Sheehy** and **Ron Shipley** volunteering their time and aircraft. Young Eagle and dedicated volunteer **Kiley Everett** began the day with welcoming families to the chapter and providing the Young Eagle welcome and safety brief to all participants before the flights began. While the Young Eagles waited for their flights on the ground, they were able to practice their pre-flight skills on **Gene Hubbard's** Pietyenpol on the ramp and warm up their flying skills on the chapter's simulators.

President **Trinidad Lopez** and his wife **Sharon** prepared lunch for the Young Eagles and families and **Sydney Robbins** ran the fryer and helped serve. No small feat on a hot day in the hangar! Also, a big thank you to the ground volunteers who helped make the day successful including: **Tony** who helped with set-up/tear down, **Nick Candrella** who took photos of the day's events and any others who helped throughout the day I may have missed.

However, the Young Eagles events did not end on the second Saturday and a few volunteers were at Naval Air Station North Island to celebrate the 5th annual Youth Science, Technology, Engineering & Mathematics (STEM) day on Monday, July 31. The chapter was invited to this free event for youth in grades 6 through 12 to share what the Young Eagles program is about and encourage youth to come to the chapter and participate in a future Young Eagles event. Volunteers **Larry Rothrock, Trevor Pearson, Patrick Cooley, Rich Allison** and **Patrick Thunder** helped man the chapter's booth and answer questions about the Young Eagle program. The participants were also able to build an EAA glider when they stopped by the booth. Pilot **Rich RB Brazell** was scheduled to fly his Thorp S-18 into North Island and display his aircraft on the flightline with the Young Eagles display, but rain and low ceilings didn't cooperate and had to scrub. A big thank you to him for submitting all of the paperwork to get permission to land and then standing by at the airport all morning in case the weather improved.

The next Young Eagles event is scheduled for Saturday, September 9, as we are taking the month of August off for summer break. I hope to see you in September!

Malta Aviation Museum

By: Donna Ryan

On a recent trip around Europe, my daughter and her husband had the opportunity to stop at several aircraft museums. One stop was at the Malta Aviation Museum. The following pictures were taken by my son-in-law. All the information in this article comes from different Museum sources; quotation marks contain direct quotes from these sources. The Museum has many other interesting aircraft and exhibits. If you find yourself in Malta, it is definitely worth a visit.

Supermarine Spitfire

The Museum's Spitfire was first flown in 1942 and later was flown to North Africa in 1943, taking part in Operation Torch landings and the Tunisian campaign. In addition, it took part in Operation Huskie, the invasion of Sicily. It also made weather flights and participated in sea rescues. The web site contains this interesting bit of information: "In the early 1990's a dedicated group of volunteers started a project to renovate the aircraft to 'static display' standard . . . This was the beginning of the Malta Aviation Museum."



Royal Navy Supermarine Seahawk

The Seahawk on display came from the Phoenix Aviation Museum. After the war, the Hawker Aircraft Company designed the plane around one of Rolls Royce's turbo jet engine and the Royal Navy was interested in it. Sea Hawks were widely used in the Mediterranean area in the 1950's, including in the Suez Canal crisis in 1956. Its maximum speed at sea level is 599 mph and its initial climb rate is 5,700 feet per minute.



Royal Navy De Havilland Vampire

◀ Design for the Vampire began in 1941. It had a twin boom. This “configuration was chosen to limit the length of the jet tailpipe, thereby minimizing power loss.” The aircraft had both wood and metal components. It’s maximum speed at sea level was 538 mph.



Le Pou-du Ciel (The “Flying Flea”)

The Museum’s “Flea” was built locally from original plans in 1996. It has a converted Citroen 2CV four-stroke engine. It was originally designed by a Frenchman, Henri Mignet and the Museum’s web site states it was almost certainly the first aircraft for which plans were readily available to amateur builders. Unfortunately, the designer “lacked experience in aircraft construction and ignored traditional aerodynamics and engineering.” While a number of these were built prior to WWII, there were many accidents. By the time the war was over, safer and more modern ultra/micro lights were available. ▶



Gloster Meteor

The Museum has three different Meteors. This one is the NF14 and it “was the final Meteor night-fighter to be produced.” The model began flying in 1953 and had a longer nose than previous models to accommodate more equipment.



◀ This Meteor is the Mark F8. According to the web site, it was “the first operational jet fighter to enter service with the Royal air force in the summer of 1944 and its first task was to shoot down or cause to crash by destabilizing the gyros of the hundreds of the Nazi secret VI weapons that were raining down on Britain after D-

English Electric Lightning

While not a complete Lightning, the Museum’s exhibit does contain the entire nose section, including the nose undercarriage and cockpit. The museum’s notes indicate that this was “Britain’s first supersonic fighter with a maximum speed and climbing rate that exceeded everything, but was limited by its short range and average weaponry. . . Its maximum speed at 40,000 feet was 1,500 mph and had an initial climb rate of 50,000 ft/min.”



Italian Air Force Fiat G-91

In the 1950's, NATO realized that most of the aircraft belonging to the European members were out of date and that a standardized aircraft for these countries made sense. The Fiat Company was the winner of a bid to provide a "ground-attack aircraft capable of taking off from stretches of motorway or even semi-prepared strips and was easy to maintain." The planes were widely used in Malta in the late 70's. Its maximum speed at sea level was 668 mph and its initial climb rate was 6,003 ft/min.



Cool Motorbikes



EAA 14 to Host FORD Tri-Motor

By Donna Ryan

Get ready to put your volunteer hats on! EAA 14 has been selected to host the EAA National FORD Tri-Motor from October 9, 2023 through October 16, 2023. Thanks to EAA 14 Vice President Larry Rothrock, we were able to secure a hangar at Montgomery-Gibbs Airport large enough for the aircraft during its time here.



EAA's FORD Tri-Motor is No. 146 of 199 Tri-Motors built between 1927 and 1931. EAA National purchased the plane in 1973 and began the long process of restoring it. Once restored, it was first used for display, and then for passenger flights.

See some statistics below.

Designed by: Ford Motor Company	Fuel Capacity: 231 gallons
Model: 4-AT-E	Range: 570 miles
Manufacture Date: August 21, 1929	Wing Span: 74 feet 10 inches
Required Crew: 3 – pilot, co-pilot, flight attendant	Length: 49 feet 10 inches
Power: Originally built with three 300 horsepower Wright J-6-9 Whirlwind nine-cylinder radials, refitted in 1950 with two 450-hp engines and one 550-hp engine	Height: 11 feet 9 inches
Weights:	Ceiling: 16,500 feet
Empty weight- 6,500 pounds	Number Built: 199 between 1927 and 1931, only around 18 remaining
Gross weight – 10,130 pounds	Cruise speed: 80-110 MPH



The plane will arrive in San Diego on Monday, October 9. On Thursday, October 12, flights will be available for media and passengers (2 pm to 5 pm). From Friday, October 13 through Sunday, October 15, rides will be available from 9 pm to 5 pm. Tickets will cost \$85 for adults and \$65 for children 17 and under.

There are all sorts of volunteer opportunities between Thursday and Sunday and we really need your help. The Host Summary Sheet provided by EAA National states the following: "The Ford Tri-Motor operation requires a minimum of four volunteers per shift depending on the anticipated volume of business and the area to be monitored. Recommended shifts are 8:00 AM to 12:00 PM and 12:00 PM to 5:30 PM. The volunteers assist with passenger loading/unloading, crowd control, and assistance with EAA ticketing and merchandise sales." We'll also need assistance with marketing ahead of the event, and for starters and fire control during aircraft operations. There are also

opportunities for sponsors to be involved with the visit – it is not only good advertisement for them, but they can get some free rides as well.

We'll be sharing more information as the time draws nearer – but for now, mark your calendars and set aside time to help out. EAA 14 has hosted EAA National aircraft in the past and it has always been a lot of fun for the volunteers. EAA 14 can also benefit financially as we receive a portion of the passenger revenue.

EAA 14 Chapter President Trinidad Lopez and Vice President Larry Rothrock are the contacts for this event.

New Members

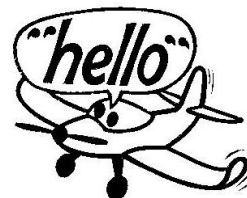
Donna Ryan

Welcome to our new members. The 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.

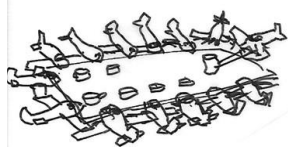
Dave Brooks has a Private Pilot's License as well as a Cessna 182Q. He is interested in avionics.

Peyton is our newest Young Eagle member, and we're happy to have him join the Chapter. He is interested in learning to fly and in remote controlled aircraft.



Finbar Sheehy prepares to fly a Young Eagle in his Sting S3 at the July YE Rally. 7/8

**You start with a bag full of luck
and an empty bag of experience.
The trick is to fill the bag of
experience before you empty the
bag of luck.**



July 15, 2023 Board Meeting

**Donna Ryan, Chapter 14
Secretary**

Provisional Minutes – Pending Board Approval

The Board meeting was held on Saturday, July 15, 2023 beginning at 10:02 a.m.

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

Board Decisions

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

- June 2023 Minutes reviewed and approved. Ron Shipley/Stu Streb: passed.
- Treasurer's Report reviewed and approved. Stu Streb/Ted Krohne: passed
- Motion to adjourn. Stu Streb/Alan Sparkes: passed.

Old Business

Ray Scholarship: **Trinidad Lopez** announced that **Samantha Leibold** had been officially approved by EAA National as our Ray Scholarship candidate for 2023. **Bob Hitchcock**, CFII, past EAA 14 President (and Samantha's grandfather) had agreed to serve as her mentor and provided a short summary of her progress so far. She has flown ten instructional flights and been introduced at least one time to all the maneuvers required for a private pilot certificate. She is now practicing the maneuvers to obtain proficiency. She has also purchased an online tutorial program for the knowledge exam.

Upcoming Activities: **Trinidad Lopez** discussed planned upcoming events. He stressed the need to have a variety of activities to appeal to different age groups and different interests. The date for the BBQ and fly-in was changed to August 26 so as to not interfere with plans to attend Oshkosh AirVenture. For August we will have lunch on the first Saturday, but will not be having a Young Eagles event or a General Meeting/pancake breakfast. We plan to have a dinner/dance in September/October.

New Business

Asphalt Bid: **Jimmy Kennedy** shared an asphalt bid proposal he received. The company representative came to the site to gather information about the bid and Jimmy reported he had seen one of the bidder's work sites and was impressed with it. The bid provided a variety of paving proposals depending on which areas we wanted to address first.

Gravel delivery for driveway Bid: **Donna Ryan** shared two bids she had received for delivery of gravel to fill in potholes and smooth out the driveway.

Obtain Funds for Maintenance Expenses: The Board discussed reaching out for possible grants to obtain funds for doing necessary maintenance at the Chapter.

Audio/Visual needs: One of our donated TVs is no longer working. An appeal will be made for donations of TVs, projectors, etc.

Emergency Signs: **Trinidad Lopez** mentioned the need to have Emergency Info signs prominently posted in Hangars 1, 3, and the Eagles' Nest.

Items Identified During the Meeting to be discussed next month

- Audio/visual needs, simulator rules, door winch.

The meeting was adjourned at 11:09 pm.

Submitted by **Donna Ryan**



Crashed Messerschmitt Bf-109 at the Malta Aviation Museum. More photos from Donna Ryan's son-in-law starting on page 4.

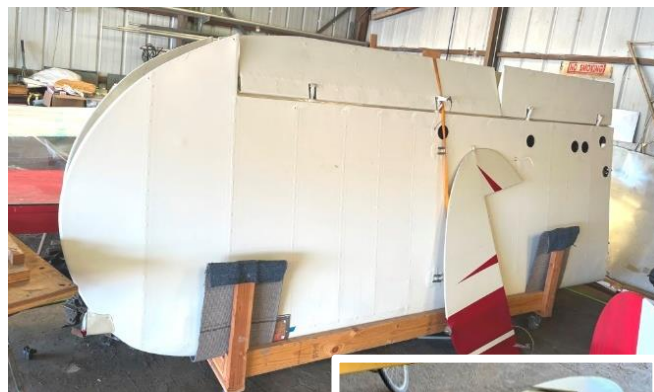
**Airspeed, altitude, and brains.
Two are always needed to
successfully complete the flight..**



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.

Marketplace

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
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Donna Ryan	(858) 273-4051	rryan@san.rr.com
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Stu Strebbig	(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:

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(619) 661-7117.

eaal4contact@gmail.com

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