



PHOTO: A. BRAND



THE STROBE EAA 512



**JOIN US EVERY 3RD
WEDNESDAY OF THE
MONTH AT KPVF**



Google Maps

We meet at the EAA 512 green Quonset hangar, on the north-western side of the airport



April thru October, join us for Potluck Picnic Social, 6pm; followed by General Meeting, 7pm

The chapter will provide hotdogs and hamburgers for the picnic. Please bring a side dish or dessert to share.

Bring your aviation enthusiasm and we will do our best to answer your questions and share the **many** exciting opportunities that the Experimental Aircraft Association has to offer our aviation community.

*“The desire to reach for the sky runs deep in our human psyche.
~Cesar Pelli, architect”*

KPVF got an AWOS upgrade!



MAY 2024



PRESIDENT'S COLUMN

Dear EAA Chapter 512 Members,
I hope this letter finds you well and enjoying the thrill of flight as much as I do. As we dive into the heart of the flying season, I'm thrilled to share some exciting updates and upcoming events for our chapter.

Firstly, check the newsletter (below!) for our upcoming [flyout](#) this month. These events are always a highlight for folks to get out and fly, offering us the chance to explore new destinations and enjoy the camaraderie of fellow aviation enthusiasts, and this time; lunch.

~ TIM SULLIVAN

[CONTINUED:
CLICK TO READ](#)

YOUR 512 BOARD

President Tim Sullivan

Vice President Jim Pinkowski

Treasurer Judi Gordon

Secretary Rob Bulaga

General Directors

Audrey Brand, Sean Conley-Widing



LET'S FLY TO PETALUMA (O69)!
ON MAY 25, WE'LL MEET IN
PETALUMA AT 11:00 A.M. FOR
BRUNCH AT THE [TWO NINER DINER](#)
(THE FOURTH SATURDAY OF THE MONTH)

SOAR WITH THE EAGLES

On Saturday, May 18, Chapter 512 will host a Flying Start Event.

This event is being held in conjunction with the EAA Learn to Fly Week; a national campaign to help aspiring pilots take flight. Leading up to the Flying Start event, individuals interested in learning to fly can participate in a variety of free interactive webinars hosted live. These webinars will run May 13 through May 17, and cover topics ranging from getting started in flight training, how to save time and money, and other flight training tips.



Webinars are free to attend, but pre-registration is required - visit www.EAA.org/LTFWeek.

Flying Start attempts to provide for adults the same thing the Young Eagles program provides to youths, namely; motivations to pursue the dream of flight along with ways and means to obtain a pilot certification. If you know someone 18 years of age or older who is - or might be - interested in learning to fly, please invite them to sign up for our Flying Start event **and** put them in contact with **Jim Pinkowski**.

If we - if YOU - can motivate 5 or more individuals to attend our Flying Start event, our Chapter will receive additional promotional support from EAA, and be given two weekly passes for EAA AirVenture Oshkosh 2024!

EMAIL JIM

Believe me, **this is huge**, so get out there and shake the trees to see how many prospects we can sign up! ~Jim

Aircraft of the Month

DIAMOND DA20i



"KATANA"

Manufacturer:
Diamond Aircraft Company

Physical Description:

- Length: 23.7 feet
- Wingspan: 35.1 feet
- Height: 7.8 feet
- Rotax 912 iS3c Sport 100 HP
- 2-blade constant speed prop
- Tricycle gear with castoring nose wheel
- Utility Category
- Certified for Night VFR
- Spin certified!

Like a sports car with wings, the sporty Katana ("sword" in Japanese) is a favorite among those who like a sharp ride. Initially designed as a two-seat trainer, the DA20 was one of the first widely produced GA craft made predominately with composite materials, making it light and fuel efficient. The DA series have received several design awards for innovative features, modern design, and overall aesthetics.

EAA 512 IMC/VMC Club Meeting

**Join Bill Scanlon for Aviation Safety Analysis
and "What Would You Do?"**

Our Aviation Safety Analysis for discussion include the following: Human Factors for Pilots - Situational Awareness, Decision Making, Threat and Error Management and Design Automation. This is an audience participation event. After a brief Audio/Video presentation we ask "What Would You Do"? Everyone is encouraged to join in the discussion. Videos depicting actual flights that encountered challenges are chosen from a library provided by EAA .

Pilots of all skill levels are encouraged to attend.

To view further details and registration information for this seminar, [click here](#).



Air Venture July 22-28, 2024



Whitman Field is home to the "The World's Busiest Control Tower" at OSH! We book a Chapter campsite each year, and have an amazing time camping together and bonding as a group. The location of our campsite is always in a premier spot, with no need to spend precious hours on a school bus.

Please contact Judi Gordon to indicate your interest in camping with us, and for help with coordinating logistics, should you need it!

[EMAIL JUDI](#)

PRESIDENT'S COLUMN, CONT'D.

Next up, who doesn't love a delicious pancake breakfast? We are about to have our third of the year. They are delectable gatherings, proving the perfect opportunity to fuel up before taking to the skies or simply to connect with friends and share stories.

I'm also delighted to announce our guest presenter for the next meeting, Jason Miller of "The Finer Points." Jason is renowned for his expertise in aviation instruction and shares his insights through his YouTube and podcast channels. His knowledge and passion for flying are sure to inspire and educate us all.

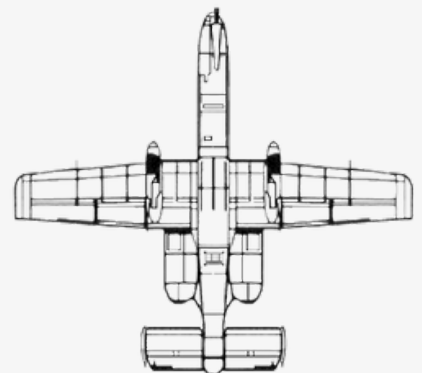
Let's make the most of these upcoming events, strengthening our bonds as a community of aviators and fostering our shared love for the sky.

Fly safe and blue skies,

Tim Sullivan President,
EAA Chapter 512

Name that Plane!

(see answer on the last page)



SPOT AN ERROR?
PUBLICIZE AN EVENT?
SHARE A STORY OR PIC?
CONTACT EDITOR BEKI PARKS
SUBMISSIONS DUE BY THE 5TH



FLEDGLING GROUND SCHOOL

Do you know any 11-14 year-olds interested in aviation??

EAA 512 Treasurer Judi Gordon, holds a mini "Ground School" for kids passionate about aviation, but still just a bit too young to start official lessons.

Topics are taught at an age-appropriate level, and are engaging and interactive. Meetings are held quarterly at Judi's home in Cameron Park @ O61. Lessons are followed by snacks and an aviation-related movie.

The 1st quarter's topic was "Phonetic Alphabet", followed by "Traffic Pattern and Comms" for the 2nd quarter.

The next Fledgling Ground School is scheduled for Sunday, July 7.

For more information, contact Judi at ea512pvf@gmail.com



Ray McGee, the youngest member of our Fledgling Ground School, on very short final!



**Please Volunteer,
We need YOU!**

- GRANT/FUNDRAISING COMMITTEE
- PILOTS FOR FLYING START
- PILOTS FOR YOUNG EAGLES

VOLUNTEER

● LIVE

BREAKING NEWS

DONATE YOUR RECYCLED CANS AND BOTTLES! DROP OFF AT THE GENERAL MEETING OR CONTACT US AND WE CAN GET YOU IN TOUCH WITH HAL STEPHENS.

**WE ARE IN NEED OF A BBQ GRILL FOR OUR CHAPTER PICNICS...
IF YOU HAVE ONE TO DONATE, PLEASE LET US KNOW**

JOIN JUDI GORDON FOR \$500 BREAKFAST CLUB AT JUDI'S HOUSE IN CAMERON PARK - THIS REPLACES THE FORMER ADOPT-A-HIGHWAY CLEANUP

IF YOU WOULD LIKE TO POST AN EVENT TO THE ATTENTION OF OUR MEMBERSHIP, PLEASE CONTACT JIM PINKOWSKI OR MICHAEL ZWIJACZ:
EAA512PVF@GMAIL.COM

MINUTES OF ALL MEETINGS, BOTH BOARD AND CHAPTER, ARE ON THE WEBSITE UNDER "CHAPTER MISC"

Please send ideas for future fly-outs to Jim Pinkowski





California Capitol Airshow

The California Capitol Airshow will take to the sky over Mather Field this year on **July 13-14** during the traditional summer vacation period well before the school year begins for aspiring future aviators and their families! In addition to the **USAF Thunderbirds**, the CCA is pleased to host the only west coast appearance of the aerobatic team many consider to be the best in the world.

The **Frecce Tricolori**, also known as the “Tricolor Arrows” in English, are officially designated as the 313° Gruppo Addestramento Acrobatico, Pattuglia Acrobatica Nazionale (English translation: 313th Acrobatic Training Group, National Aerobatic Team). It has been 30 years or more since the last time this unit extensively traveled abroad and this is a rare opportunity to enjoy something truly different. They are a 10 jet team trailing red white and green smoke trails in the national colors of Italy.

Please note that admission gates will open each day at 3 PM and the show will extend through the twilight hours and well into darkness with spectacular nighttime pyrotechnics! Accordingly, airshow **Fly-In accommodations will not be provided this year** as festivities may end as late as 10 PM during non-towered field operations. Apologies in advance to all who enjoy arriving by air, the fly-in is scheduled to return for the show in 2025.

Please convey your questions or concerns to Jim Pinkowski, who is as surprised as you are.

UPCOMING EVENTS

MAY

Thurs, 09	<ul style="list-style-type: none"> • IMC/VMC Club Meeting with Wings credit! 7pm @ KPVF
Mon, 13	<p><u>13 - 18 EAA Learn to Fly Week</u></p>
Wed, 15	<ul style="list-style-type: none"> • Picnic 6pm; General Meeting & Presentation, 7pm @ KPVF. <p>Speaker: Jason Miller - The Finer Points</p>
Sat, 18	<ul style="list-style-type: none"> • <u>Flying Start @ KPVF, ages 18 & up</u> • Adopt-a-Highway 8:00am @ Cameron Park McDonald's
Sat, 25	<ul style="list-style-type: none"> • <u>Come Fly with Me! O69</u>
Sun, 26	<ul style="list-style-type: none"> • <u>Movie Night, 6pm @ Gordon's home, O61</u>

JULY

Tues, 02	<ul style="list-style-type: none"> • IMC/VMC Club Meeting with Wings credit! 7pm @ KPVF
Sat, 06	<ul style="list-style-type: none"> • Pancake Breakfast 8-11am @ KPVF
Sun, 07	<ul style="list-style-type: none"> • <u>Fledgling Ground School, 1pm @ Gordon's home, O61</u>
Wed, 10	<ul style="list-style-type: none"> • Board Meeting, 6pm @ KPVF
Sat, 13	<ul style="list-style-type: none"> • <u>\$500 Breakfast Club, 8:30am @ Gordon's home, O61</u> • 13 & 14: California Capital Airshow @ KMHR *
Wed, 17	<ul style="list-style-type: none"> • Picnic 6pm; General Meeting & Presentation, 7pm @ KPVF. <p>Speaker: Dale Kral, Workshop Usage & Rules</p>
Mon, 22	<p><u>22 -28 AirVenture 2024 @ OSH *</u></p>

JUNE

Sat, 01	<ul style="list-style-type: none"> • 50th Anniversary of EAA Chapter 512 • Pancake Breakfast 8-11am @ KPVF
Tues, 11	<ul style="list-style-type: none"> • IMC/VMC Club Meeting with Wings credit! 7pm @ KPVF
Wed, 12	<ul style="list-style-type: none"> • Board Meeting, 6pm @ KPVF
Sat, 15	<ul style="list-style-type: none"> • Adopt-a-Highway 8:00am @ Cameron Park McDonald's
Wed, 19	<ul style="list-style-type: none"> • Picnic 6pm; General Meeting & Presentation, 7pm @ KPVF. <p>Speaker Needed! Please submit ideas</p>
Sat, 22	<ul style="list-style-type: none"> • Come Fly with Me! (TBD)
Sat, 29	<ul style="list-style-type: none"> • <u>Young Eagles @ KPVF</u> • Poker Run stop at KPVF (tentative)

The 1st Saturday and Sunday of the month are **Historical Aircraft Display Days**, 8am-12pm @ KPVF *



AUGUST

Sat, 03	<ul style="list-style-type: none"> • Pancake Breakfast 8-11am @ KPVF
Tues, 06	<ul style="list-style-type: none"> • IMC/VMC Club Meeting with Wings credit! 7pm @ KPVF
Wed, 14	<ul style="list-style-type: none"> • Board Meeting, 6pm @ KPVF
Wed, 21	<ul style="list-style-type: none"> • Picnic 6pm; General Meeting & Presentation, 7pm @ KPVF. <p>Speaker: James Johnson, "Building the Veloce"</p>
Sat, 24	<ul style="list-style-type: none"> • Come Fly with Me! (TBD)

May Chapter Meeting Presentation



This month, we welcome Jason Miller, host of The Finer Points Podcast and training Videos. Jason is an instructor for AOPA's Air Safety Institute, has been selected FAA western regional CFI of the year, and is a contributor to [Flying Magazine](#).

shout out to the **Pre Breakfast Hangar crew** that comes on Friday afternoon to clean the hangar and prepare for Saturday. thank you, also, to the **Saturday breakfast crew** that volunteers half a day to make it all possible!

Truly Grateful for you.

Thank you to our generous members for contributing to Young Eagles, to our hangar maintenance, and so much more!

@eaa512



venmo

MISSING OUR EMAILS?

If you are not receiving a monthly notice from the chapter about the general meeting and other events, please follow the appropriate procedure below if you are using one or more of these accounts.

Gmail users:

check your spam folder

PC/Browser: Drag and drop this email to your "Primary" tab

Mobile: tap the 3 dots, then "Move to," then "Primary"

Apple iCloud Mail users:

Add our email to your VIP list

Outlook users:

Add our email to your favorites

eaa512pvf@gmail.com

TRIED EVERYTHING & STILL NO NEWSLETTER? EMAIL THE EDITOR & WE MAY BE ABLE TO HELP*

*No representation or warranty, express or implied, with respect to the completeness, accuracy, fitness for a particular purpose, or utility of these materials or any information or opinion contained herein. Consult your physician if symptoms persist.

EAA 512 Movie Night Presents



The Legend of Pancho Barnes and the Happy Bottom Riding Club
(2009) 1h 5m

“A charismatic figure featured in Tom Wolfe's book *The Right Stuff*, Florence "Pancho" Barnes was one of the most important women in 20th Century aviation. A tough and fearless aviatrix, Pancho was a rival of Amelia Earhart's who made a name for herself as Hollywood's first female stunt pilot. Just before WWII she opened a ranch near Edwards Air Force Base that became a famous -- some would say *notorious* -- hangout for test pilots and movie stars. Known as the "Happy Bottom Riding Club", it became the epicenter of the aviation world during the early jet age. Chuck Yeager celebrated breaking the sound barrier there in 1947, and Howard Hughes and Jimmy Doolittle caroused in the bar.”

Date: Sunday May 26th, 2024, 6:00 pm dinner/social, 8:30 pm movie

Location: Starfall – 3204 Western Drive, (O61), Cameron Park, CA

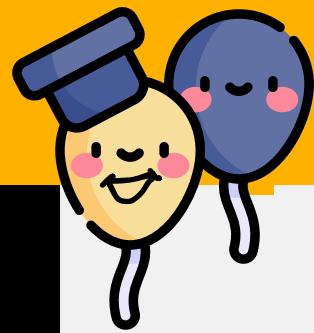
**Snacks & Drinks: Potluck! Please bring something to share.
Beer and Soft Drinks will be provided.**

Seating: We already have seating available for around 12 people, but space for plenty more. Please bring a folding chair to ensure you have a comfy place to sit.

RSVP: glennandjudi@gmail.com

LIGHTER THAN AIR

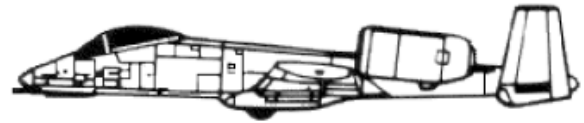
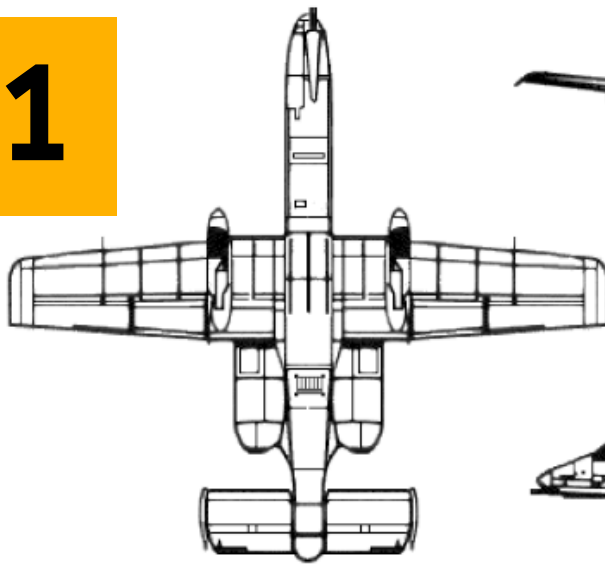
JUST FOR FUN



Aircraft ID Challenge

Pictured at right is the A-10A THUNDERBOLT II (FAIRCHILD REPUBLIC)

1



AV8R Cryptogram

UDM FAYODU SARUDMAZ EAMLUMT UDM ZYWONM OAMLUMZU
 EPNUPALN IRAEM ZYWEM UDM YWCMWUYRW RI FAYUYWO. UDM
 LYAJNLWM SMELHM UDM IYAZU FRANT FYTM FMS, SAYWOYWO
 JMRJNM, NLWOPLOMZ, YTMLZ, LWT CLNPMZ UROMUDMA.
 ~ SYNN OLUMZ

2

Hint: N = L

The Bakewell "Wing-Foot"

Developed in the late 1930's, the "Wing-Foot" Engine was probably destined for use in the growing line of Goodyear blimps that saw extensive anti-submarine service in WWII. This engine is believed to be the only surviving example.

The Bakewell engine looks at first like an ordinary radial, but it was nothing of the kind. **1st:** although a true air-cooled radial, it has an even number of cylinders: 8.

2nd: It consisted of four 90-degree V-twin engines, each with its own crankshaft, which was then geared to a common central propeller shaft. Propeller reduction gearing was fitted, the standard ratio being 1.57 to 1. This form of construction was claimed by the makers to give "inherent balance."



3

Photo: Audrey Brand, as seen in a private collection

