

THE STROBE **EAA 512**





JOIN US EVERY 3RD WEDNESDAY OF THE MONTH AT KPVF



WE MEET AT THE EAA 512 GREEN QUONSET HANGAR, ON THE NORTH-WESTERN SIDE OF THE AIRPORT

Looking for some light reading? Maybe some inspiration for your project?

Catch up on our Members Builder's logs!

November thru March, join us for the General Meeting at 7pm.

April thru October, come early for a Potluck Picnic Social at 6pm; followed by the General Meeting at 7pm.

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

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

... half-way between the earth and sky. one seems to be closer to God. There is a peace of mind and heart, a satisfaction which walls can not give. ~ Margery Brown





YOUR 512 BOARD

President Rob Bulaga
Vice President James

Johnson

Treasurer Judi Gordon

Secretary Beki Parks

Directors at Large

Jason Clapson Sam Garcia

PREZ SEZ REPETITION

As builders and pilots, we're extremely familiar with repetition. If you built a metal plane, you've deburred thousands of holes and driven thousands of rivets. Fabric? Thousands of stitches. Composites? Hundreds of cups of resin.

When we went through pilot training, we did countless turns-around-a-point and dozens of short and soft field landings. Repetition gets a bad rap. It gets boring. You do the same thing over and over. But, you also get really, really good at it. Compare that thousandth rivet to your first one. Or, your last layup to your first one. (My first composite experience ended up in a catastrophic thermal runaway!)

We're entering that time of year where our chapter is restarting those things that we do over and over.

CONTINUED: CLICK TO READ

REPETITION

The \$500 Breakfast Club

Please join us 8:30am Apr 19 RSVP to Beki

Love aviation? Love breakfast? Perfect—so do we! The \$500 Breakfast Club is where aviation enthusiasts cook up fresh ideas (and maybe some bacon) to raise at least \$500 a month for EAA Chapter 512.

Our mission? Fund hangar maintenance, fuel scholarships, and make sure our events are as unforgettable as landing at KOSH. **But don't worry—we're not asking you to donate!** We're here to brainstorm creative ways to generate funds, not pass the hat.

Come hungry, bring your best fundraising ideas, and enjoy a potluck brunch that's just as satisfying as a smooth takeoff. Let's turn creativity into cash, one bite at a time!

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 ageappropriate level. and are engaging and interactive. Meetings are held quarterly at Judi's home in Cameron Park @ O61. Lessons are followed snacks bv and aviation-related movie.

To join us for the Quarter 2 session,
Aerodynamics,
contact Judi at <u>eaa512pvfegmail.com</u>

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*

If you can spare \$5 or \$10 monthly for a latte, please instead consider becoming a monthly supporter of EAA 512!

Truly Grateful for you.

@eaa512

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

*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 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.

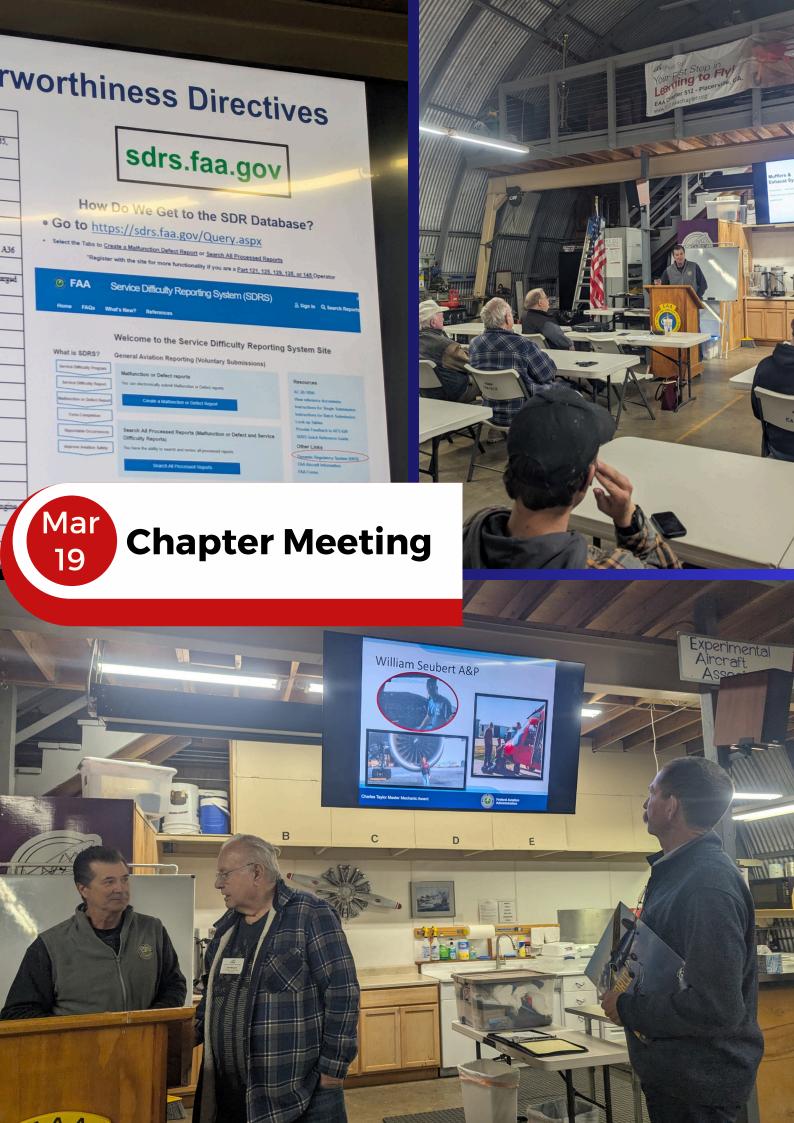
Pilots of all skill levels are encouraged to attend.

To view further details and registration information for this seminar, <u>click here</u>.









2025 RAFFLE

This year, EAA 512 is hosting a raffle with some very special prizes!







5 items are being offered - Al Herron's leather jacket, two pieces autographed by Bud Anderson, a framed, signed Frecce Tricolori Poster, and a beautiful airplane-themed quilt!





TICKETS \$10 EACH OR 11 FOR \$100

WILL BE SOLD AT VARIOUS CHAPTER EVENTS IN 2025

2 SEPARATE DRAWINGS WILL OCCUR: NOV 10 AND DEC 17

See the Raffle pages for more prize details!



FREE YOUTH ADMISSION

Free youth admission ages 18 and under is supported in part by





From the bottom of our hearts, thank you for your generous contribution to the education and dreams of the next generation. Your support makes it possible for us to inspire, teach, and open new horizons. We are truly grateful for your belief in our mission and for standing with us.



Sam Eddings



Crosby Family



Judah Winger



Vonderwerth Family



Gibson Lerwill



ATTENTION PILOTS

Young Eagles Day at KPVF is coming up!

Please set aside June 21 to come out and share your passion for aviation with the next generation.

Fly Course



Help make our Young Eagles Event Great!

Membership

PANCAKE, BREAKFAST!



Come hungry and leave happy because every pancake you enjoy helps support our local aviation community!

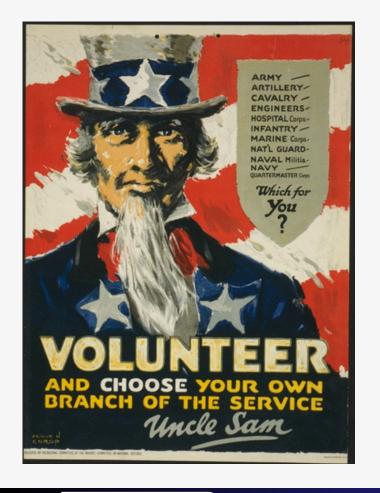
Proceeds from this event go toward almost everything that keeps Chapter 512 soaring:

- Major repairs and upkeep for our 50-year-old hangar
- Hosting Young Eagles flights and general meetings
- Covering utilities and event costs (like this breakfast!)
- Supporting our merchandise and outreach programs
- And yes even scholarships!

EVERY 1ST SATURDAY OF THE MONTH: APRIL-OCTOBER 8AM – 11AM AT PLACERVILLE AIRPORT

Adults \$10 | Children age 12 and under \$5 | Fly-in pilots (PIC) FREE

Your support makes it all possible. So bring your appetite, bring your friends, and help us fuel the future of aviation in Placerville!



Please Volunteer, We need YOU!

- GRANT/FUNDRAISING
 COMMITTEE
- PILOTS FOR YOUNG EAGLES
- PANCAKE BREAKFAST
 COORDINATOR

VOLUNTEER

BREAKING NEWS

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

EAA512PVF@GMAIL.COM

PLEASE SEND IDEAS
FOR FUTURE FLY
OUTS TO TIM
SULLIVAN

SPOT AN ERROR?

PUBLICIZE AN EVENT?

SHARE A STORY OR PIC?

CONTACT EDITOR BEKI PARKS

SUBMISSIONS DUE BY THE 5TH

a

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 OR AUDREY BRAND.

MINUTES OF ALL

MEETINGS, BOTH

BOARD AND

CHAPTER, ARE ON

THE WEBSITE UNDER

"CHAPTER MISC"

TRIVIA:

55 YEARS AGO THIS
MONTH, WHO FAMOUSLY
REPORTED A CRITICAL
ENGINE PROBLEM TO
MILLIONS OF PEOPLE?

(ANSWER ON LTA PAGE)

PREZ SEZ, CONT'D.

Pancake breakfasts - we've gotten really good and efficient at them; we just have to make sure we stay engaged with the volunteers, and make sure we let our visitors know we appreciate their patronage.

Young Eagle Flights - thanks to all our volunteers, we've got this down to a system that works well. Again, let's make sure we let everyone participating, pilots and Eagles, know that we appreciate them.

Picnic Meetings – they start again this month. The Picnic Meetings are a highlight of the year for me. We get more family participation and enjoy an informal, outdoor setting for camaraderie. Although we have it down to a science, there's a lot of effort that goes into making sure we have supplies and grilled meats. We appreciate that effort.

And finally, let's not forget about flying. This is an area to not get complacent. We're coming off winter. Although repetition is part of our background, we may be a bit rusty this time of year.

Keep safe out there.

Rob Bulaga, President, EAA Chapter 512

CAMP WITH 512 AT AIRVENTURE!



Get ready for the ultimate camping adventure at Whitman Field, home to the "World's Busiest Control Tower" at OSH! This year, we booked SIX Chapter campsites for us to share unforgettable moments like the morning wakeup yodel, the VFR Conga Line, and evening events. Our site is always in a prime Campsecholler location, so you can skip the long school bus rides and go straight to the action.

To join us, and for any logistical support you might need, reach out today! Let's make this the best AirVenture ever!

Chapter dues for 2025 have increased to \$30 per calendar year

There are several ways to pay!

Check:

Make payable to EAA 512 and mail to:
Chapter 512 Treasurer
3204 Western Dr.
Cameron Park, CA 95682

PayPal:

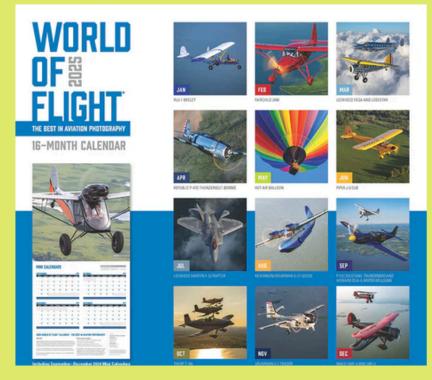
https://www.paypal.com/paypalme/EAA512

Venmo:



As a reminder, you must be a member of EAA National to be a member of local Chapter 512.

Click here to become a member of EAA National





2025 Calendars are in

Buy yours at a Chapter event today-Only \$20, proceeds go towards 512's General Fund



Win a World-Class Adventure to the Paris Air Show – First Class Travel, Luxury Accommodations, and More!

Chapter 5 of the Experimental Aircraft Association is offering a chance to win a luxurious, first-class trip for four to attend the Paris Air Show in June 2025!

Raffle Tickets are \$100 each

What you'll win:

- Four First-Class Flights: Round-trip tickets for four people from anywhere in the continental US to Paris, France. Get ready for a luxurious travel experience!
- Airport Transfers: Comfortable, private transport to and from your hotel.
- Four nights at the Four Seasons Hotel George V in Paris in two king bedded deluxe rooms June 20-23, 2025. Includes an American breakfast each day.

BUY NOW

 Four Air Show Tickets: Four 3-day public passes to the Paris Air Show

Raffle Drawing May 3, 2025, at 6:00pm EDT, at Geauga County Airport in Middlefield, Ohio



Since 1941, the Squadron has supported the Sacramento County Sheriff's Office in aviation and community relations activities. To further our support of Sacramento communities, we are proud to announce our 2025 Aviation Scholarship program focused on future pilots between 17 and 35 years old with an interest in pursuing a career in aviation and community service to the Sacramento area.

The program is designed to actively support, mentor and guide recipients through their journey in the exciting field of aviation and become future leaders in their community.

Two Award Recipients will receive \$5,000 in cash grants that will be used for flight training check rides, exam fees, training materials, aircraft rental or other applicable expenses.

Aspiring pilots and advanced rating pursuit are both eligible for the scholarship.

Visit our website for full program details, eligibility and on-line application

Important Program Dates:

May 2, 2025 Completed Applications Due

May 10, 2025 In-person Interviews Conducted

May 11, 2025 Awards Announced

https://sacairsquadron.com/2025-aviation-scholarship-program/



CHAPTER 512 MERCH

- Chapter 512 Iron-On Patches \$5/ea.
- Chapter 512
 "Baseball Style"
 Hats* \$20/ea.
- Chapter 512
 Insulated Travel
 Mugs \$30/ea.

Supplies are limited so don't wait, order today!

Email Chapter 512
Merchandise Sales at
eaa512pvf@gmail.com



WEAR YOUR LOGO WITH PRIDE!



* Various colors available

- **** Chapter 512 Logo Shirts ****
 - Men's Long Sleeve Shirt* (XL) \$30/ea.
 - Men's T-Shirt w/o Pocket* (XL) \$20/ea.
 - Men's Polo Shirt w/ Collar* (L) \$40/ea.
 - Men's T-Shirt w/ Pocket* (XL, L & M) \$25/ea.
 - Women's V-Neck Shirt* (XXL, XL, L & M) \$20/ea.
 - Youth T-Shirts* (L, M, & S) \$15/ea.

UPCOMING EVENTS

APRIL	
Thurs,	 Chapter Bylaws open for comment
Wed, 16	 6pm Potluck followed by 7pm General Meeting @KPVF Speaker: Rob Bulaga
Sat, 19	• \$500 Breakfast Club, 8:30am @ Gordon's home, O61
Sat, 26	FLYOUT, TBDEd Markie BirthdayCelebration
Sun, 27	Fledgling Ground School, 1p @O61. Topic: Aerodynamics

JUNE	
TBD	IMC/VMC Club meeting @KPVF
Sat, 07	Pancake Breakfast 8-11am @ KPVF
Wed, 11	• 512 Board Meeting, 6:00pm
Wed, 18	6pm Potluck followed by 7pm General Meeting @KPVF Speaker: TBD
Sat, 21	Young Eagles Day @KPVF

Donate to EAA 512 through your workplace charitable contributions: It's easy! Just select "Hangtown Chapter 512 Experimental Aircraft Association Placerville" EIN 94-3269608

MAY	
Sat, 03	Pancake Breakfast 8-11am @ KPVF
Sat, 10	• <u>FLYOUT</u> to KMOD for Pancake Breakfast - meet there by 9am (<u>details</u>)
Mon, 12	IMC/VMC Club meeting @KPVF
Tues, 13	 Chapter Bylaws close for comment
Wed, 14	• 512 Board Meeting, 6:00pm
Sat, 17	 \$500 Breakfast Club, 8:30am @ Gordon's home, O61 FOLLOWED BY 11am AirVenture planning meeting
Wed, 21	 6pm Potluck followed by 7pm General Meeting @KPVF Speaker: TBD

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



General Aviation

Joint Steering Committee

Safety Enhancement Topic



Mountain Flying

Flying over mountains can offer beautiful scenery and views you just can't get from the ground.

Whether it's the Rockies, the Appalachians, or the Alps, mountain flying is often an unforgettable experience.

However, keep in mind that mountain flying also involves more risks than flying over the flatlands.

Mountain Weather

Mountain weather can be a challenge for any pilot, especially those without a lot of experience. The Colorado Pilots Association has these weather minimums recommendations for inexperienced pilots.

- ⇒ Maximum Winds aloft at 9,000 and 12,000 feet less than 25 knots. Above 25 knots, turbulence, updrafts, and downdrafts may exceed aircraft limitations.
- ⇒ Ceiling at least 2,000 feet above all ridges and passes along the route. This will help reduce the exposure to the most hazardous turbulence in most cases. The ceiling minimum should be increased as the wind speed increases.
- ⇒ Visibility of at least 10 miles. Good visibility, well above the basic VFR requirements, is needed since you will generally be using pilotage for navigating. GPS is an excellent tool, but there are times when picking out a particular pass or valley will need to be done visually. Good visibility is the only way to be able to do that safely.



⇒ Be aware of mountain waves. During a mountain wave event, there are strong up and down drafts downwind from the ridges. The downdrafts in even moderate mountain waves exceed 1,000 feet per minute, making it difficult or impossible to cross the ridge. Rotors are caused by the wind shear and rotating moment underneath the crest of a mountain wave. The rotors will cause severe or greater turbulence and must be avoided.

Density Altitude

Failure to take density altitude into consideration has led many pilots into situations their aircraft couldn't handle. It is imperative that you understand how your aircraft performance is affected by density altitude. Even in the early evening, density altitude can be quite high and can present problems if you are not properly trained and prepared. Keep in mind the following:

⇒ True Airspeed increases. True Airspeed is approximately 2% higher than Indicated Airspeed for every thousand feet of altitude



- ⇒ Power decreases. Normally aspirated engines put out less horsepower than at sea level (3% power loss per thousand feet).
- ⇒ Leaning for take off. At sea level or the low levels of the Midwest, takeoffs with full rich mixture are required. However, at higher density altitudes, even those found at airports along the Front Range of the Rockies from New Mexico to Wyoming, leaning for takeoff is the only way to get the expected performance from a normally aspirated engine.

Planning Tools

Planning a mountain flight involves finding points in space, not predefined intersections. You are looking for terrain features, such as passes and drainages. Using GPS waypoints in conjunction with an electronic app on your tablet or smartphone, is a good way to maintain situational awareness and avoid getting lost in unfamiliar terrain.

- ⇒ Some states produce tools to help pilots navigate their mountains safely. One example is produced by the Colorado Aeronautical Division and shows all of the Automated Weather Observing Systems (AWOS) locations in the state, including those on mountain ridges.
- ⇒ Webcams are also useful for a real time look at the weather along your route. Airportview.net is one place to go for cameras located at airports. Most state departments of transportation also have webcams that will give you a real-time look weather in places you may be operating.

⇒ Many of us are now viewing the radar image on our iPad apps while in flight. However, radar and mountains don't mix very well. For example, the Denver NEXRAD system can't see anything below about FL230 over the central part of the state. You may not be seeing the complete picture because of these limitations.

What Gets Pilots in Trouble?

Mountainous terrain can be hazardous for GA pilots. Here are some of the ways pilots get in trouble in the mountains.

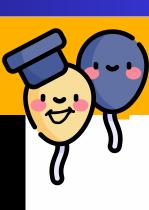
- ⇒ Picking the wrong route has claimed many pilots who didn't have local knowledge of issues that might be associated with some passes.
- ⇒ Wishful Thinking. Hoping that bad weather will suddenly get better when we need it to has trapped many pilots. Consider landing or turning around if the weather does not cooperate.
- ⇒ Poor Planning. Before descending into a mountain airport, look at what your options are for go-arounds and takeoff routes.
- ⇒ Box Canyon. Never fly up a canyon that you haven't already flown down so that you know if there is room to turn around. NEVER try to out climb the terrain in ANY airplane.

Resources

- Pilot's Handbook of Aeronautical Knowledge, Chapter 11: Aircraft Performance http://1.usa.gov/2nBxvNT
- NTSB Safety Alert: Mastering Mountain Flying http://1.usa.gov/2p2lot1
- Colorado Pilots Association www.coloradopilots.org
- "Rocky Mountain High: The Zen of Mountain Flying," FAA Safety Briefing, May/June 2012 https://go.usa.gov/xXBZq



LIGHTER JUST FOR FUN THAN AIR





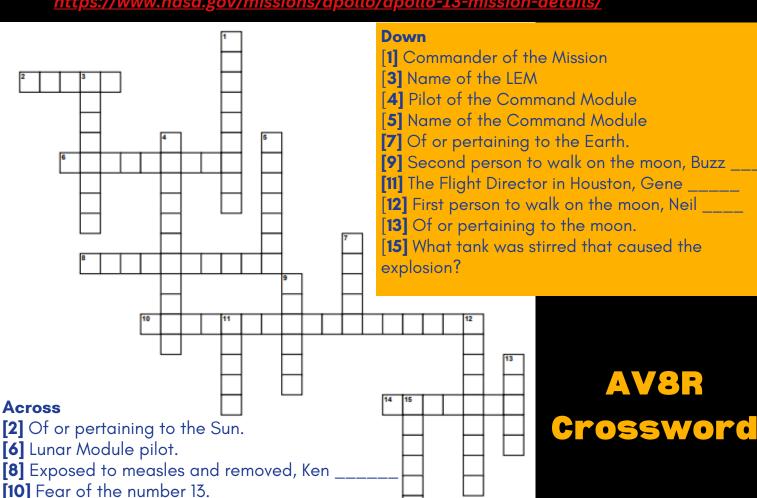
TRIVIA ANSWER

In April 1970, Apollo 13 turned into NASA's most successful failure when astronaut Jack Swigert calmly reported, 'Houston, we've had a problem.' Thanks to quick thinking and teamwork, all three astronauts made it home safely, proving that even in space, cool heads prevail.

read more here:

[14] Where is Mission Control located?

https://www.nasa.gov/missions/apollo/apollo-13-mission-details/





NOV 10, 2025 RAFFLE

Item #1 - Al Herron's Leather Jacket

Around 15 years ago, EAA offered a special one-year program allowing each chapter to purchase a unique leather coat. While the program initially limited chapters to a single coat, our then-president's efforts secured three for our chapter. These coats, with a retail value of \$900 each, were raffled off as a major fundraiser. The lucky winners were Tim Sullivan, Bob O'Hara, and Al Herron. Sadly, January 2025 will mark the second anniversary of Al's passing. His widow, Gail Herron, has generously donated his coat back to the chapter for another raffle, giving someone new the opportunity to enjoy this special piece.

TICKETS \$10 EACH OR 11 FOR \$100



IN HONOR OF AL,
WE WILL RAFFLE
THIS ITEM ON
WHAT WOULD HAVE
BEEN AL'S 70TH
BIRTHDAY,
NOVEMBER 10, 2025





Item # 2 - Signed bottle of Old Crow

This is a truly unique piece of aviation history: a bottle of Old Crow whiskey, signed by none other than WWII triple ace Bud Anderson! Anderson, former EAA 512 President and legendary pilot, famously flew his P-51 Mustang named "Old Crow," throughout the war. This bottle is a rare collectible, connecting the iconic whiskey brand with one of its most famous namesakes and a true American hero. Don't miss your chance to own this extraordinary piece of memorabilia!





TICKETS SOR STOOK ACT

Proceeds will benefit the Scholarship Fund

(80)

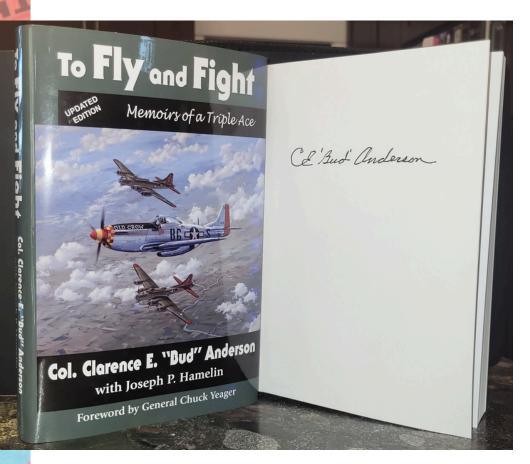
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Item # 3 - Autographed Bud Anderson autobiography

Buy a ticket for a signed copy of "To Fly and Fight," the gripping autobiography of WWII triple ace Bud Anderson.



Through his own words, Anderson recounts his daring exploits flying the iconic "Old Crow" Mustang. This signed edition is a prized addition for the bookshelf of any aviation aficionado.

TICKETS \$10 EACH OR 11 FOR \$100

Proceeds will benefit the Scholarship Fund





Item # 4 - Autographed Frecce Tricolori Poster

This artfully framed and matted poster commemorating the 2024 Capitol Airshow has been signed by the entire legendary Frecce Tricolori aerobatic demonstration team of the Italian Air Force! This isn't just a poster; it's a piece of aviation artistry, capturing the thrilling spectacle of one of the world's premier aerobatic teams. Imagine owning a piece of history, signed by the very pilots who performed those breathtaking maneuvers in the skies above.

TICKETS \$10 EACH OR 11 FOR \$100



A unique opportunity to own a lasting piece of airshow magic!





Item # 5 - Airplane-themed Quilt

This delightful piece features a playful pattern of little airplanes soaring across a sky-blue backdrop with little puffy clouds. The cheerful design is complemented by a classic striped backing, adding a touch of timeless style. But don't let the whimsical design fool you – this is a quilt of exceptional quality. The carefully chosen fabrics are soft yet substantial, promising warmth and comfort. The binding, that crucial edge finishing, is expertly sewn with a clean and professional finish that will withstand years of use.

And don't let its charming appearance deceive you about its size: this is a generous **80"x80"** quilt – perfect for snuggling up on a full-size bed, draping over a smaller one, or even using as a cozy throw

on the couch.

TICKETS \$10 EACH OR 11 FOR \$100

