



The Strobe

EAA 512 Placerville

April 21

Prez Sez...

EAA 512 IS BACK!

The hangar opened for chapter events and hosted the Veteran and Vintage Aircraft Display the first weekend in April. The chapter opened the hangar doors to welcome owners and guests with coffee, donuts and Audrey's famous home baked goodies. This event will continue the first weekend of each month through September and will coincide with pancake breakfast starting the first Saturday in May.

Chapter 512 is happy to open our doors to fellow airport tenants. We are a small, close community and it is good to meet other aircraft owners. There are about 35 aircraft on display in hangars on the field, less than a quarter belong to EAA members. For aircraft to qualify for display, they must be older than 35 years or manufactured before 1985. Display time is from 0900 to 1300. If you have not come to visit the airport, this is a great day to walk the line and look at each aircraft and the aircraft information sheet.

This "opening" of the chapter is significant after a year of lock-down due to the corona virus pandemic. In our collective memory and the 47-year history of chapter 512, the hangar has

GENERAL MEETING

Third Wed at 7pm
via Zoom.

Check your email for invitation

IN THIS ISSUE

- ◆ Prez Sez *pgs. 1-2*
- ◆ Chapter Activity *pg. 3-4*
- ◆ Guest Speaker *pg. 5*
- ◆ Part II Prop Talk *pg. 6*
- ◆ Karma *pg. 7*
- ◆ From Bob Hope *pg. 9*
- ◆ Fight Tropic Bugs *pgs. 10-11*
- ◆ An Ancient Era *pg. 12*
- ◆ Minutes *pgs. 13-16*

never been closed for an entire year. The only event we held was the memorial to Bob O'Hara last October.

The chapter being a non-profit organization managed to survive the year and still grow membership, but revenues from fund raising and activities was non-existent in 2020. One chapter member, Mark Nagy, made a big donation which was equal to an entire year of pancake breakfasts profits. We are grateful to Mark for his incredible generosity!

This newsletter is our primary means of communicating with chapter members, and is available to non-members who visit our website, <https://chapters.eaa.org/ea512> and open NEWSLETTERS. If you are not aware of chapter activities and our fund-raising efforts, you can learn who we are and what we do by exploring the website. We will soon offer an electronic means to DONATE to help build our scholarship and chapter hangar improvement project funds. We are the only organization in El Dorado County dedicated to youth aviation education through our Young Eagles program. We have flown well over 2500 youth in our 47-year history. Bob O'Hara led the way with over 200 flights in his 1945 Taylor craft. Bob was recognized by EAA national in 2016 as one of 14 pilots nation-wide to fly Young Eagles for 25 consecutive years.

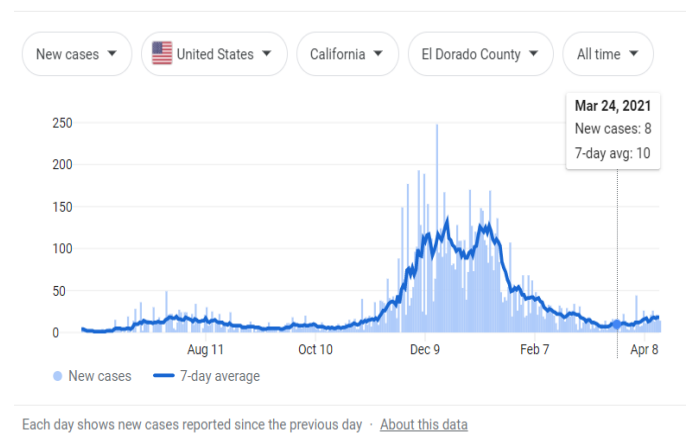
On May 15, the chapter will sponsor a Flying Start event to residents of El Dorado County who sign-up for the event on our website. <https://chapters.eaa.org/ea512/flying-start> Eligible participants 18 years and older will be offered an Eagle flight after attending the learn-to-fly information presentation.

Activity at the chapter is bustling and building! A crew of workers (Dave, Dale and Jim) demolished the old stairway to the loft on Saturday 4/17 to be replaced with new "to

code" stairs. This enhancement will change the slope of the stairs from 45 degrees to a more comfortable 34 degrees by incorporating a 3 steps high platform and a 90 degree turn with 16 more steps. The new stairs should be operational by the pancake breakfast weekend.

COVID-19 Status Report, Johns Hopkins University

The chart below shows county numbers are way down from the peak in December and January. Total deaths in the county are 109.



With a large number of people getting vaccinated and businesses opening across the county, the chapter will resume the pancake breakfast event on May 1st and the first Saturday each month through September. We ask all attendees to practice social distancing and wear masks inside the hangar. Seating inside the hangar will be limited to 24 people at six tables. Additional seating outside of the hangar and the picnic area will accommodate an additional 30 or more guests.

We look forward to seeing chapter members, fellow airport tenants and welcome fly-in pilots and renew our friendship and camaraderie at the Placerville airport.

By Jim Wilson

Chapter Activity & Community Involvement

Title	Description
Adult Education	Flying Start 1 x year, May 15, Eagle flight Flight Simulator
Advisory	Participate on County airport advisory committee every 90 days Technical Councilor. Flight Advisor
Chapter Board of Directors Meeting	Board of director meeting 2 nd Wednesday of the month 6pm.
Courtesy car	Airport loaner car, 512 provided the first car, operated by Sky Wagons Aircraft Sales
Display day	Aircraft Display days (12 times per year)
Facilities	Picnic Area Camping Area Hangar meeting space Tool Crib program Audio Video Presentation equipment

Grounds Maintenance	EAA picnic grounds (public area), lawn & garden maintenance
Membership Communication	Monthly newsletter “The Strobe” published as PDF on website
Membership Meetings	Monthly membership meetings (3 rd Wednesday 7 pm). Picnic 6 per year in the warmer months before general meeting at 6pm Programs, after general meeting 8 pm. IMC / VMC monthly meeting/discussion, 1 st Tuesday 7pm, Wings credit.
Movie night	At EAA hangar Cameron Park airport home hangar
Pancake breakfast	Pancake breakfast April through October on the first Saturday 8:00 to 11:00
Recycle	Recycle Lead Acid batteries, bottles, cans
Repair airport equipment	Plan to rebuild or repair wind direction tetrahedron
Scholarship for Eldorado	Sunny Atkins Scholarship, up to 2,500 per scholar per

County Resident Scholarship for Eldorado County Residents	EAA National Ray Aviation Scholarship awarded \$17,500 for 2020, 2021
Security	Security cameras on hangars for prevention of theft and vandalism Vandalism/security fund, rewards & sponsor security cameras Mark or paint hangar numbers for identification purposes for fire and police
Services	Provide restroom services during Pancake breakfast and Display Day
Website EAA 512	Chapters.eaa.org/ea512 Calendar of Activities Young Eagle Event Registration
Weed Control	Mow grass along east access road and east end, rent 42 inch sit on mower, rate \$275/ 8 hrs.
Youth and Adult Activities	Young Eagle flights, Spring and Fall Eagle flights, May 15

Youth and Adult Activities	Book exchange at the airport office Flight simulator Maker Space, tool work and assembly benches Young Eagle Build and Fly program
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Future ideas & suggestions

- Plane Wash
- 40's & multi-generational Dance
- Crab Feed
- Saturday/Sunday Coffee Social
- Flying club
- Fly-out's
- Hands on Maker Space, Builder Center
- Airport open house
- Scenic flights (for a donation) as fundraiser.

**CONTACT THE BOARD OF
DIRECTORS WITH NEW IDEAS.**

Jim Wilson & Dick Wampach

GUEST SPEAKER

The distinguished speaker for our April General Meeting will be Mr. Keith Huebner who will share his unique perspective from behind the scenes of Bell 47 flight operations for the EAA annual Oshkosh AirVenture event. Mr. Huebner is the Bell 47-line Chief Pilot. You may be surprised to learn that Bell 47 operations typically involve 15-18 pilots providing over 3,200 rides during the seven-day AirVenture event.

Jim Pinkowski

ZOOM MEETING

General Meeting

**Third Wednesday of the
Month at 7pm.**

Check your email for an official invitation.

IMC/VMC

**First Tuesday of the
Month at 7pm**

Virtual meeting via Zoom

If you are interested in attending, please email or call Greg Stein to ensure you're on the mailing list to attend.

Email: greg.stein777@gmail.com

Call: (916)862-0175

2021 VETERAN & VINTAGE

AIRCRAFT DISPLAYS

PLACERVILLE AIRPORT

SATURDAY & SUNDAY

9AM-1PM

MAY 1, 2

JUNE 5, 6

JULY 3, 4

AUG 7, 8

SEPT 4, 5

Sponsored by EAA Chapter
512

SATURDAY DISPLAY DONE IN
CONJUNCTION WITH EAA 512'S
FAMOUS PANCAKE BREAKFASTS

**Owners must sign-in
their aircraft for each
date**

Visitor sign-in

Windmilling v.s. Stopped Propeller Part II

Rob Bulaga

Last month I wrote a short dissertation explaining why a stopped propeller results in a better power-off glide than a windmilling propeller. I concluded the article with the caveat that my "assumptions could be way off." And that, "It would be interesting if one of our members took their plane up to 5000' over Placerville airport, shut off the engine, established best glide speed, and compared sink rates with stopped and windmilling propellers." Well, Jason Brand did just that with his Citabria.

With his propeller stopped, at 5780' & 70 mph, Jason's sink rate was 800 feet per minute. (Note the stopped prop in the photo.)



Stopped Propeller

With his propeller windmilling, at 6310' & 70 mph, his sink rate was 700 feet per minute. (Note the blurry prop in the photo.)



Windmilling Propeller

A windmilling propeller provides "power" to the engine in the form of compression in the cylinders and friction of the parts. In the Cherokee 180 example from last month's article, I had assumed that the windmilling propeller was spinning at 2000 rpm. In Jason's Citabria, the windmilling prop was spinning at only 500 rpm. When that lower prop speed is plugged into last month's formula, the drag of the windmilling prop drops from 107 lb to just 27 lb; half that of the stopped propeller (of 54 lb)!

So, the formulae didn't lie, just the assumptions did. As long as the windmilling prop isn't spinning too fast, it's better than a stopped propeller. The crossover point appears to be about 1000 rpm.

Jason, thanks for testing my assumptions.

...A SNIPPET FROM PART I...

THE DRAG OF A STOPPED PROP:

$$\frac{1}{2} \rho V^2 C_d S = D$$

ρ is air density, 0.002377 lb. sec²/ft⁴ at sea level

V is airspeed in ft/sec

C_d is the drag coefficient; 1.1 in this case

S is the blade area of the propeller in ft²; 2.64 ft²

Stopped propeller drag is 54 lb.

THE DRAG OF A WINDMILLING PROP:

$$(10\%/50\%)(N_{\text{wind}}/N_{\text{rated}})(550 P_{\text{rated}}/V) = D$$

10% is the estimate for friction power

50% is the upper estimate for propeller efficiency operating as a windmill

N_{wind} is the windmilling rpm; 500

N_{rated} is the engine's rated rpm

P_{rated} is the engine's full power rating, in hp

V is airspeed in ft/sec; 700

Windmilling propeller drag is 27 lb.

Karma!

WHAT GOES AROUND COMES AROUND

It was May 2010 and a young boy was hanging on the Placerville airport fence watching airplanes take off. Not sure if we will really know what he was thinking, but many had similar experiences that drove their passion and dreams. His father had brought him and his brother to the Placerville Airport that day, to take part in the EAA Young Eagles program. Greg was paired up with pilot, Al Herron, and the bond was forged. Al took Greg up in his RV-7 and the dream took flight. He was going to be a pilot when he grew up.

Just over 10 years later, Greg can now share his passion and inspire others to dream of flight too. On March 28, 2021 Greg flew his first Young Eagles flight with Liana, at 14-year-old young lady, that is interning at the airport. He then took up his second Young Eagle. Aiden, a 16-year-old young man, who is working hard and would like to attend the Naval academy. The torch burns a little brighter as we inspire and light the dreams of our next generation of aviation enthusiasts.

The support and shared enthusiasm, by the members of EAA Chapter 512, over the years has kept Greg's dream alive and inspired him to keep working towards it, even when he was told he could not.

Kim Stein



Greg Stein YE Ride - Al Herron and his RV-7, Young Eagles Day March 2010



Off to Placerville
to take some kids
up for their first
Flight
SACRAMENTO
EXECUTIVE AIRPORT
(SAC)



From Bob Hope

With all the turmoil and conflicts facing us today, it is refreshing to think back to a man who helped so much in providing a sense of humor to our lives.

They asked him where he wanted to be buried...

Bob Hope replied: "Surprise me."

I had forgotten that he lived to be 100, and also didn't realize it has been over 17 years since he died. This is a tribute to a man who DID make a difference

ON TURNING 70- *"I still chase women, but only downhill."*

ON TURNING 80- *"That's the time of your life when even your birthday suit needs pressing."*

ON TURNING 90- *"You know you are getting old when the candles cost more than the cake."*

ON TURNING 100- *"I don't feel old. In fact, I don't feel anything until noon. Then it's time for my nap."*

ON GIVING UP HIS EARLY CAREER (BOXING)- *"I ruined my hands in the ring. The referee kept stepping on them."*

ON GOLF- *"Golf is my profession. Show business is just to pay the green fees."*

ON PRESIDENTS- *"I have performed for twelve presidents but entertained only six."*

ON WHY HE CHOOSE SHOWBIZ FOR HIS CAREER- *"When I was born, the doctor said to my mother, 'congratulations, you have an eight-pound ham'."*

ON RECEIVING THE CONGRESSIONAL GOLD MEDAL- *"I feel very humble, but I think I have the strength of character to fight it."*

ON HIS FAMILY'S EARLY POVERTY- *"Four of us slept in the one bed. When it got cold, mother threw on another brother."*

ON HIS SIX BROTHERS- *"That's how I learned to dance. Waiting for the bathroom."*

ON HIS EARLY FAILURES- *"I would not have had anything to eat if it wasn't for the stuff the audience threw at me."*

ON GOING TO HEAVEN- *"I have done benefits for ALL religions. I would hate to blow the hereafter on a technicality."*

Dear Lord -

Please give me a sense of humor,
give me the grace to see a joke,
to get some humor out of life,
and pass it on to other folk.

Learn from yesterday, live for today, keep one hand on your wallet and don't worry about tomorrow...

Sent in by Dick Wampach

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Editor's Notes

(may contain nuts)

Add value to the newsletter; contribute your own stuff. Anyone can do it. It's easy, it's fun, it's publishable.

Email Content [to Helen] at:
more_right_rudder@yahoo.com

SUBMISSION SHALL INCLUDE

1. **Content** Article, Link, Image, Misc.
2. **Title**
3. **Date**
4. **Publishing Details** (or I'll be creative on your behalf)
5. **Credit** who done it?

DEADLINES 3RD SUNDAY OF THE MONTH

*For anything you'd like to share
The Strobe is here*

PROPAGATE THE SPIRIT OF AVIATION

Sincerely,

The Editor





TBM SPRAYING DDT IN PANAMA LEAVES A TRAIL RESEMBLING SMOKE SCREEN: PILOTS MUST BE CAREFULLY BRIEFED BEFORE HOP

'FLYING FLIT GUNS' FIGHT TROPIC BUGS

FLYING Flit Guns of the Navy and Marine Corps, dispersing DDT through the flak and smoke over assault beaches in the South Pacific, prevented many thousands of casualties which would have resulted from insect-borne disease.

In the tropics there were probably more war casualties caused by malaria and other insect-borne diseases than by enemy bullets. Aerial spraying for the protection of assault troops during the latter stages of the war resulted in

the control of malaria, filariasis, scrub typhus, dengue and dysentery.

Often accused by the Japs as being carriers of poison gas, the Flying Flit Guns were first used in combat at the Peleliu assault landing in September 1944 on D-plus-eight. Although the Japs reported a 49% incidence of dengue among their troops, no cases occurred after the island was sprayed.

It has been estimated from official reports of the Guam operation that dengue fever cost 200,000 man-days.



EXPERIMENTS SHOWED HELICOPTER ADAPTABLE TO SPOT SPRAY



MARINES USE BREAKER-BAR EQUIPPED OY-1 FOR LOCAL HOPS

Carrier Aircraft Prevented Diseases on the Beachheads; Land-based Squadrons Spray Insect-ridden Pacific Isles

THE IMPORTANCE of aerial spraying of DDT is apparent when Guam's case is compared with the records of Palau, Iwo Jima, and Okinawa operations where cases of insect-borne disease were practically halted during the early assault stages.

At Iwo Jima, two TBM-1C's, operating from the MAKIN ISLAND, flew nine missions commencing on D-plus-eight and terminating on D-plus-16. The Medical Officer in charge of the Epidemiology Control Unit, Fifth Amphibious Corps, reported that on D-plus-16, not one fly-borne disease or insect-borne disease had been evacuated from the island, a hitherto untied record.

Mosquitoes were a major problem at Okinawa and DDT spraying was begun by planes from escort carriers on D-plus-one prior to the capture of airport facilities ashore. During this operation, 22 missions were flown by two TBM-1C's operating from the MAKIN ISLAND, RUDYERD BAY and SANGAMON. By the time land-based aircraft assumed spraying operations, these carrier planes had covered 22 square miles of beachhead under active combat conditions.

When Marine divisions moved in during assault and garrison periods, they took over the job of controlling the insect-ridden islands, using F4U or TBM aircraft. The Stinson OY-1, carrying 48 gallons of DDT solution, is used for local control in spot spraying of small areas and over terrain which would be hazardous for fast combat aircraft.

DDT, chemically known as dichloro-diphenyl-trichloroethane, in doses of five pounds per acre, will kill most insects and has been known to kill cold-blooded reptiles. Insect life in some

areas has been controlled by as little as 100th of a pound per acre.

Aerial control of diseases which seriously threaten military operations was first attempted at Guadalcanal in May 1944 and again at Bougainville in July. Extensive tests have been carried out in Panama and in the swampy areas of the United States. Insect life at Banana River, Florida has been effectively controlled with DDT.

Although aerial spraying is not a "cure all," it is an effective method of control which treats a large area in a minimum of time, releases personnel who would have to carry out ground treatment and lays down a light, economical and even dosage.

DDT is usually dispersed from aircraft as either a 5 or 10% solution in diesel or other solvent oils and greases. Basically, it has three modes of action: larval kill, adult kill by contact, and adult kill by residual action.

MANY devices have been developed for aerial spraying but three types have currently been adopted for available military aircraft. Apparatus developed by COMAMPAC for the F4U consists of two Mark V wing tanks equipped with electrically-driven fuel pumps of 25 gallons a minute capacity delivering the solution to a baffle-type nozzle.

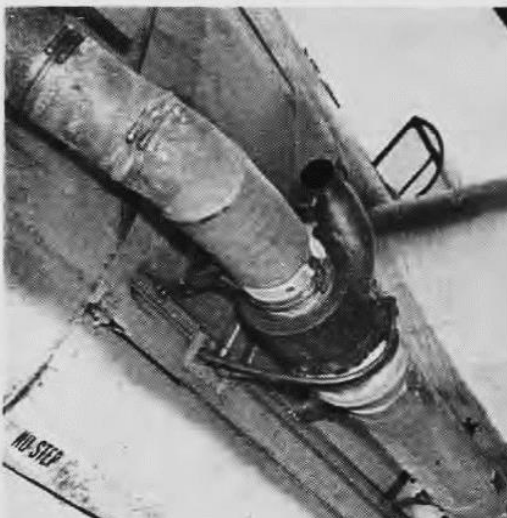
TBM equipment consists of a standard 275-gallon bomb bay auxiliary fuel tank with two electrically-driven fuel pumps of 25 gallons per minute capacity each, operating in parallel and delivering through a "Y" connection to a single pipe leading out through the tunnel gun position. OY-1 equipment consists of breaker-bar devices capable of spraying 100 acres in a single flight.



Lethal nozzle replacing tunnel gun in TBM leaves 300 foot swath. Avenger covers 550 acres in one hop at 165 mph ground speed



DDT tanks for F4U can be mounted in half hour. Adaptable to several Navy and Army planes, they can be jettisoned for combat



FLEET AIR SQUADRONS DEVISED EQUIPMENT TO SPRAY ISLANDS OF WESTERN PACIFIC

This arrangement which worked off of TBM manifold has been replaced with auxiliary tanks and tunnel hatch nozzle

An Ancient Era

Honorable Mentions – Pictures that didn't make the April Strobe banner



Unknown location or date, WWII



100% unknown. In the middle of the ocean, somewhere, sometime during the 20th century. But what an awesome picture!



82nd Airborne transport aircraft conducting a training exercise in North Africa, preparing for the invasion of Sicily, 1943



Blackpool a.k.a. Pleasure Beach, Brittan 1928. This is the last known picture of the Avro (left). The Avro was part of a performing aircraft quartet—one airplane fleet of only a handful. Not long after this picture was taken, the Avro partially collided with another aircraft in the fleet, the Westland, over Blackpool. It was a horrid crash that concluded on Swainson Street in an explosion. The Avro, two passengers, and the pilot did not survive, however, the Westland was said to have emergency landed on the Blackpool beach, unscathed.

EAA Chapter 512
Monthly General Gathering
March 17, 2021
MINUTES

Meeting called to order at 7:02 PM by: Jim Wilson

Number Present: 22 Zoom connections, representing 26 attendees

Guests: Dr. Jeff Edwards (speaker)

PRESENTATION

- Jeff Edwards presented “Pilot Malpractice: Learning from the Mistakes of Others”. He had 50 slides detailing the mistakes pilots made in four different, fatal, general aviation accidents. His presentation, with some discussion afterwards, lasted 1 hour and 40 minutes.

PRESIDENT’S ANNOUNCEMENTS

- The Chapter has been awarded a slot for a Ray Aviation Scholarship for next year. This is a \$10K scholarship. We currently have 2-4 potential candidates.
- Jim Wilson sent out a survey about our new website to the Chapter members. He would like your responses.
- The Strobe needs more articles. Please consider writing something, even something short, for our members to enjoy.
- Recently, we have been relying on EAA National’s list of presenters. We would like to have some of our members also volunteer to make a presentation to us.
- Display Days start the first weekend in April. Even if you don’t have an aircraft to display, come by to look at the various planes, greet people, and visit our hangar for coffee and donuts.
- We have a Flying Start program, with Eagle Flights, scheduled for May 15th.
- We are planning a Young Eagle event in June. So far, we have 25 Young Eagles signed up (the maximum allowed), plus 8 on a waiting list (also the maximum allowed), and 6 waiting to get on the waiting list.
- EAA National will host a Food Service webinar on March 24. Our pancake crew is encouraged to watch it.

MEMBER PROJECTS & ANNOUNCEMENTS:

- Jim Pinkowski (vice president)
 - The Capital Airshow is currently planned as a 3-day event; September 24-26. The 24th will be dedicated to an airshow only; no fly-ins. Fly-ins are encouraged on the 25th -26th.
 - Jim would like to offer coupons for a free pancake breakfast to our guest speakers. Judi and Jim W. suggested that maybe we offer them an EAA calendar.
- Judi Gordon (treasurer)
 - Dues are due.
 - We still have 7 EAA calendars available. They cost us \$7.85 each. Feel free to pay that, plus whatever you would like to donate to the Chapter.
- Hal Stephens – We have about ½ a load of recyclable materials. All proceeds from recycling go to our scholarship fund.

Meeting adjourned at 8:17 PM by: Jim Wilson

EAA Chapter 512
Monthly Board of Directors
April 14, 2021
Minutes

Meeting called to order at: 7:09 p.m. by: Jim Wilson

Board Members Present (Online Meeting):

- | | |
|--|---|
| ✓ Jim Wilson, <i>President</i> | ✓ John Crocker, <i>General Director</i> |
| ✓ Jim Pinkowski, <i>Vice President</i> | ✓ Dave Lugert, <i>General Director</i> |
| ✓ Judi Gordon, <i>Treasurer</i> | Ø Al Herron, <i>Past President</i> |
| ✓ Rob Bulaga, <i>Secretary</i> | |

Other Members Present

- | | |
|------------------|----------------|
| ✓ John McPherson | ✓ Dick Wampach |
| ✓ Dale Kral | |

Business from the Floor, Changes to Agenda - none

Approval of Minutes - approved

Board Member Reports

○ **Jim Wilson – President**

- **Donations** – Father of Aidan Andrews’ father donated \$100 after Aidan’s Young Eagle flight
- **Chase Bank Signature Card** – Jim still needs to sign as President
- **Ray Aviation Scholarship**
 - 2020 scholar Andrew Gordon has passed his written, completed his X-C flight, and is making final preparations for his check ride later this month. The Chapter’s final report to EAA National is due after the check ride.
 - Andrew’s progress statement: “As of April 14th, I have 46.3 total flight hours. My intended checkride date is April 25th (pending passed stage check and confirmation of DPE). According to Kolby Best, my primary late stage instructor, my flying abilities are very good, and my ground is my weak area if anything. According to my Uncle who I've worked closely with covering ground material, thinks that I have proven myself proficient to a thorough degree on my ground work and should pass the stage check without any problem. I plan to take the stage check, pass, and then take my checkride, and pass. I’ve spent the past few weeks covering exclusively ground and should be more than prepared to pass the ground portion of the stage check, I'm not particularly worried about the flying portion. “
 - The Chapter was granted a second Ray Scholarship last month. We are expecting 3 candidates for 2021. Our Scholarship Committee will interview the applicants during the week of 4/19-4-29 with plans to award the scholarship by 5/1/21.
- **Chapter Goals**
 - Reopen chapter to activities in May.
 - Grow membership. At the end of 2020 we had 73 members. Currently we have 88. An increase of 21%.
 - Virtual meetings will continue for BOD, general, IMC/VMC in April. In-person meetings will start in May, with our May 1 pancake breakfast and a May 15 Flying Start event.
 - Continue planning hangar improvement projects:
 - New stairwell – A motion was made and seconded that we hire Josh Priest Construction for 8 hours @ \$65/hr to cut three risers and place risers and post to support the loft floor. The Chapter will purchase required materials. Estimate for this cost not to exceed \$1500, including labor. The motion was passed unanimously.

Update the list of Chapter Activities supporting airport and community. The current list

- is appended to these minutes. Dick Wampach has additional items to add to the list. He will forward these to Jim. Judi Gordon added that we hold the Security Fund for the airport.
- The airport office is requesting assistance in support of operations. We can maintain restrooms near our hangar during pancake breakfast and display days. Jeromy would be very appreciative if the chapter could mow areas along the lower road to the east end and north of taxiway. A motion was made that the chapter rent a high weed ride-on mower for one day at \$275 per day. This will show good relations for our \$1 per year land lease. The motion passed unanimously.
- Plan and purchase for pancake breakfast with modifications, plexiglass barriers, limited capacity seating, serving protocols, etc. beginning May 1.
- Host Display Day starting in April thru Sept
 - Provide coffee and donuts
 - Greet aircraft owners
- Flying Start May 15. Expect less than 10 attendees.
- **Jim Pinkowski – Vice President**
 - **Young Eagles** - Dick Wampach is on the pilot list. He needs to renew his EAA membership and Youth Protection training.
 - **Guest Speaker** – The guest speaker at this month’s General Meeting will be KEITH HUEBNER. Keith will talk about helicopter operations at AirVenture.
- **Judi Gordon – Treasurer, Membership**
 - Banking account balances as of 3/31/2021:
 - Cash and checks on hand: \$839.82.
 - Chase Checking 6001: \$15,795.40 (of which \$5,251.45 is earmarked for scholarship funds of which \$500 is earmarked for Tobias Klein)
 - Chase Savings 8668: \$2,922.25 (Airport security account held in trust. Not property of EAA 512)
 - Current total: \$16,635.22 plus \$2,922.25 in Airport Security Account.

Comments, Announcements, and Other Business

- Last month **Dick Wampach** attended a pancake breakfast in Oroville. While there, he was recognized from our pancake breakfasts. Many attendees said they will come to our May 1 breakfast. The head of the Oroville EAA Chapter mentioned to Dick that they offer scenic flights while encouraging donations. They raised \$4000 in one day!

Meeting adjourned at 8:42 p.m. by: Jim Wilson

Chapter activities supporting airport and community

Currently

- Scholarship for El Dorado County residents
 - Aviation scholarship - Sunny Atkins, up to \$2,500
 - Ray Aviation scholarship awarded \$17,500 for 2020, 2021
- Pancake breakfast 6 x year
- Display day 12 x year
- Provide Courtesy car for airport fly-in visitors
- Maintain EAA picnic grounds (public area), lawn & garden maintenance
- Install security cameras on hangars for prevention of theft and vandalism

- Security fund in trust
- Participate on County airport advisory committee every 90 days
- Young Eagle flights 2 x year, June 12, Oct
- Adult Flying Start 1 x year, May 15, Eagle flight

Planned

- Rebuild or repair wind direction tetrahedron
- Mow infield grass, rent 42 inch sit on mower, rate \$275/ 8 hrs.
- Provide restroom services during Pancake breakfast and Display Day
- Mark or paint hangar numbers for identification purposes for fire and police