

# PASO ROBLES EXPERIMENTAL AIRCRAFT ASSOCIATION (EAA) CHAPTER 465 NEWSLETTER – JUNE 2020

## Paso Robles Airport (KPRB) Terminal

The regular 7:00 PM Wednesday June 10 will be held with Board Members and Chapter advisors at the Airport Terminal. Other members are invited to join remotely via Zoom. To access Zoom: (i) download the free Zoom Software to your computer, (ii) open your Zoom account on your computer about 6:55, (iii) click on “join meeting” and enter the meeting number 779 9223 9103  
You will have audio and video access during the meeting. !!



**Aiden Bajema our Ray Scholarship Recipient**

### **HIGHLIGHTS OF THE MONTH:**

- EAA Ray-scholarship Program. Our Chapter Young Eagle Scholar, Aiden Bajema is not taking training for his Private Pilot License thru “Air Paso Flight Services”.
- Strategic Chapter Planning: we have a draft plan (*see Annex I of this newsletter*) that that reflects many of our current programs, but we need more member input to be sure we serve both existing and potential new members interests.
- Chapter hanger/meeting space: Following a positive response from members we are looking at several locations for a hanger – this is a long..
- We have a full program planned for this fall including start of our new VMC club, a Fast Start program new adult pilots, several fly-in and fly-outs, a Young Eagles flying day, etc.

## THE UNSUNG HERO—CHARLIE TAYLOR

### STEVE ELLS –CHAPTER CONTRIBUTING EDITOR

On May 24 every year, everyone who has ever flown should be celebrating Aviation Maintenance Technician (AMT) Day. This date is when Charles Taylor, the mechanic who built the engine that provided thrust for the Wright Brothers first flight, was born on May 24.

The Wright Brothers tried to buy or get permission to build a copy the 52-horsepower cylinder rotary engine that was installed on Professor Langley's "Great Aerodrome," as Langley called his airplane, but failed.

The Wrights, working with Charlie Taylor sketched out plans for their engine, and Taylor using only a lathe and a bandsaw built a crankshaft for the 4-cylinder engine.

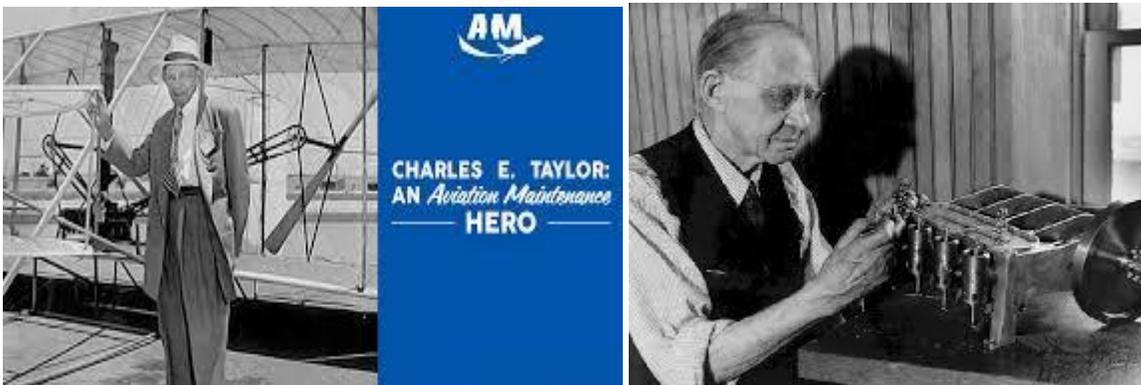
"We didn't make any drawings," said Taylor. "One of us would sketch out the part we were talking about on a piece of scratch paper and I'd spike it up over my work bench."

Cast iron cylinders were bolted to an aluminum case that was cast locally. It was estimated that the engine developed 16 horsepower at start. It was a very rudimentary engine. But it worked--- for a few minutes anyway. The cooling "system" consisted of cooling jackets around the cylinders; as the water boiled and was carried away as a vapor, water from a small reservoir flowed to replace it.

Tests showed that after a minute or two of running time, the engine output dropped to around 12 horsepower due to over-heating. That was more than the 8-horsepower needed for flight.

On December 17, 1903 at 10:35 am the Wright Flyer was launched and on that historic first powered flight flew 852 feet and was aloft for 59 seconds before again touching down.

Later that day a strong wind gust lifted the Flyer, turned it over and blew across the sands of Kitty Hawk. The record setting Wright Flyer never flew again. Taylor worked alongside the Wrights until 1920. He died at the age of 88. Taylor is buried at the [Portal of Folded Wings Shrine to Aviation](#) in [Burbank, California](#), a shrine to aviation history.<sup>[4]</sup>



## **VMC CLUB AND FLYING START PROGRAMS**

### **VMC Program leader Marc Dart , Flying Start Program leader Kendall Pearson**

Start-up of these related programs is delayed due to Virus; we intend to get them started this fall or earlier

The Visual Meteorological Conditions (VMC) club is anticipated to start in September, and is targeted at existing pilots who would like to improve their proficiency, learn new skills, tap into the experiences of other pilots and just do some hangar flying. Our VMC Coordinator, Marc has participated in the EAA Coordinator training which gains me access to all the VMC club tools such as the extensive audiovisual scenarios library, special presentations, and access to email blasts to local EAA members and other get the word out to all pilots. It's also a way to recruit new members to our EAA chapter. The club is an EAA sponsored and supported organization, with many resources to support its mission. Kendall Pearson has signed up to be the official CF for the club. More information can be found <https://chapters.eaa.org/EAA465/VMC-Club>

The Flying Start program is anticipated to start in November. The program is targeted to adults who may have been thinking about taking pilot training but may need help in making a decision to do so.. This program promotes and involves interested adults in free half-day aviation/flying introductory seminar. This is followed by a free Eagle flight with similar benefits as the Young Eagle program, but done on a one by one basis as opposed to the day event we do for young eagles, The intention of the Fast Start seminar is to sort out those adults who may seriously want to learn to fly, from those who are just looking for an free eagle flight in a light aircraft. And once Most Chapter members have been doing some of the latter but without the initial seminar as screening device. Of course, once an adult starts PPL training, he/she may want to join the above mentioned VMC Club. Full information on the flying start program can be found at. <https://www.eaa.org/ea/ea-chapters/ea-chapter-resources/chapter-programs-and-activities/flying-start>

## **YOUNG EAGLES PROGRAM**

**FREE**

**Airplane Rides for Youth (Young Eagles) 8-17**

**October 3, 2020**

**Sponsored by the Paso Robles Experimental Aircraft Association**

Paso Robles Airport Terminal

No Reservations required, but you can pre-register at

<https://youngeaglesday.org/?yereg&event=7auOHFWL9>

For More Information Call our Young Eagles Coordinator Darrell Radford 805 464 9863



### **Additional funding Needed for Young Eagle Scholarships and Related Activities**

Chapter 465 is soliciting funds to support its overall aviation programs, in particular introducing and promoting aviation as a career and/or avocation for Chapter young eagle members. Examples for use of these funds include: (i) funds to help the second ranked Ray Scholarship Applicant to start training for a private pilot's license (i.e. **if each adult chapter member donated an average of \$100 we could finance about 50% of training required for a PPL**), (ii) providing YE introductory flights for youth in N. county youth, (iii) sending selected YEs to a summer Air Academy at EAA national headquarters in Wisconsin, and (iv) materials to introduce YEs to building, operating, and maintaining aircraft.

We have already raised over \$1000 from local businesses and Chapter members. All donations provide the donor with a tax credit because Paso Robles Chapter 465 is a 501 © 3 non-profit organization (EIN 84-2139203). Funds can be forwarded to Chapter 465 via PayPal to [ea465@sbcglobal.net](mailto:ea465@sbcglobal.net), or via check to Treasurer, EAA Chapter 465, 7460 Pinal Ave, Atascadero, Ca, 93442.

## **FLY-IN AND FLY-OUT ACTIVITIES:**

**Fly-ins:** Our Chapter has a goal of sponsoring at least one fly-in per year to meet new aviators and different aircraft types, and promote our Airport and community.

**Southern and Central California EAA Chapter fly-in** This event is going forward as planned on Sunday Oct. 11, it will have a focus on the Estrella Warbird Museum. See following for details.

### **SOUTHERN AND CENTRAL CALIFORNIA EAA CHAPTERS FLY-IN SUNDAY OCT 11, 2020 - HOSTED BY PASO ROBLES EAA CHAPTER 465**

Join us in Paso Robles for a one-day event centered at the Estrella Warbirds & Race Car Museum [www.ewarbirds.org](http://www.ewarbirds.org), which has the highest tourism visit rate on the central coast after Hearst Castle!!!



#### **The one-day event will include:**

- Full day access to the Estrella Museum which opens at 10:00 AM
- A catered lunch
- Presentation and “Fast Credit” by the FAA Fast Safety team, and/or a retired NTSB official
- Fuel Discount anticipated

Pre-registered cost per person for the day is \$32 up to Oct. 4, later or on-arrival registration \$42.

#### **To register please send EAA 465:**

- An Electronic Mail message to [EAA465@sbcgloabl.net](mailto:EAA465@sbcgloabl.net), including the: (i) your name(s), (ii) type of plane, (iii) N number, and (iii) your EM and Phone number
- A check for the number of people in your plane times \$32 to: Treasurer EAA465, 7460 Pinal Ave, Atascadero, CA 93422, or send payment to our EAA 465 Pay Pal Account at [EAA465@sbcglobal.net](mailto:EAA465@sbcglobal.net)

Hope to see you there. To find out more about EAA465 go to <https://chapters.eaa.org/ea465> which has a link to send us any questions you may have.

**Pacific Bonanza Society (PBS)** This event was scheduled for April 3- to May 3, but has been postponed until fall 2020 or Spring 2021. We will update soon as possible, check the following web site as well for details <https://www.pacificbonanza.org/MbrPgm/Events/EventsFuture.asp>

**Fly-outs:** We are planning these for every other month, they can be linked with our new VMC club. The next one is planned for Mojave, but may be delayed due to the Corona Virus. The June Father’s Day event at Columbia has been cancelled for 2020 due to the virus..

## OTHER INTERESTING ACTIVITIES

**Chapter Hanger:** Tony Gaspar is leading a committee to evaluate options for getting our own Chapter Hanger/Work/Meeting Space. An initial survey of Board members indicates considerable support for the project with multiple options to be investigated (*see Annex LI of this newsletter for the results of the initial survey*). The Hangar Committee met on Friday May 15<sup>th</sup> at the airport to tour the airport and to look and any available parcels that could be suitable for our new chapter hangar. Prior to that meeting, Tony had met with Roger Oxborrow to review all unleased land on the airport and to discuss the feasibility of all available parcels for a chapter hangar. In that meeting Roger and Tony identified 6 possible parcels for a new chapter hangar. The Hangar Committee toured all locations. Some of the locations were on the east side of the airport and some were on the west side. We are currently in the process of ranking the sites from most to least desirable. We plan on making a presentation to the Chapter board at the June/July Chapter meetings with our final report and recommendation.

**Glasair Experimental Aircraft Donation.** Ron Steinberger, a member of our Chapter as well as the AMA and Paso Robles Cloud Clippers Radio Control group donated a Glasair SH2TD kit. Ron purchased the kit in 1981, went up to Stoddard Hamilton and picked it up from the factory just outside of Seattle,. Ron had been working on it steadily until “life happened”, he got married and with kids the kit got put on the back burner. In parallel he purchased a Lyc. 0-320-E2D engine disassembled from a local flying club, it was from a C-172, with 2000 hours on it. Ron always wanted to finish the plane but realized that might not happen, and says he is glad to have our chapter was able to “take it under their wing”. . We will be deciding in the coming months how to move forward with plans on the Kit, and the engine – both could be great building/learning experiences for both youth and adult members even if we do not want to invest a lot of funds to make them “air legal”



**Cloud Clippers:** Ron is also a member of the Academy of Model Aeronautics (AMA) & active in the Local “Cloud Clippers” r [www.cloudclippers.org](http://www.cloudclippers.org) . They usually meet & fly on Sunday at their field west of runway 13/21 at the Airport. They will be scheduling an “open house” for interested adult and young eagle members of our chapter. They may implement a local version of the EAA “build and fly” program which has proven to be very successful in many EAA Chapters <https://www.eaa.org/ea/eaa-chapters/ea-chapter-resources/chapter-programs-and-activities/EAA-Young-Eagles-Build-and-Fly-Program>

**Legal Eagle Ultra-lite:** This donation is now running, thanks to Jonnie Via, more later on this.

## ADMINISTRATIVE STUFF

- Check out our new web site at <https://chapters.eaa.org/ea465>
- Check out and post things on our Facebook Page, Sean Thomas one of our Young Eagles is helping post content on a regular basis.  
<https://www.facebook.com/EAAchapter465/?pageid=1372309742934835&ftentidentifier=1411397102359432&padding=0>
- If you want to join our Chapter we would welcome you (only \$20 per year), see following list of basic events, our member application form can be found at <https://chapters.eaa.org/EAA465/Archives>

2020 EAA Chapter 465 Activity Schedule 06/02			
<i>Check Newsletter, Facebook, Web Site for updates and more details</i>			
TBD	Activity/Event	Contact/Liaison	
06/10	Regular Chapter Meeting, 7 PM, Airport Terminal	Dave Fretwell	703 606 0865
07/08	Regular Chapter Meeting. 7 PM, Airport Terminal	Dave Fretwell	703 606 0865
07/08	VMC Meeting, 6:00 PM, Airport Terminal	Marc Dart	805 239 4184
08	No events scheduled – Summer Break		
09/09	Regular Chapter Meeting, 7 PM, Airport Terminal	Dave Fretwell	703 606 0865
08/09	VMC Meeting, 6:00 PM, Airport Terminal	Marc Dart	805 2384184
10/03	Young Eagles flight and Pancake Breakfast	Darrell Radford	805 464 9863
10/07	Regular Chapter Meeting, 7 PM, Airport Terminal	Dave Fretwell	703 606 0865
10/11	South and Central CA EAA Chapter Fly-in	Dave Fretwell	703 606 0865
11/11	Regular Chapter Meeting, 7 PM, Airport Terminal	Dave Fretwell	703 606 0865
11	Fast Start/Eagles program (tentative schedule)	Kendall Pearson	805 586 0550
12/06	Xmas Party, 12:30 PM, Airport Terminal	Dale Ramey	805 466 3684

## ANNEX I

### PASO ROBLES EXPERIMENTAL AIRCRAFT (EAA) - DRAFT CHAPTER 465 ANNUAL AND LONG-RANGE PLAN 06/02/2020

**Mission:** To grow participation in aviation in our community, and promote the airport, by involving adults & youth in aviation activities with homebuilt/experimental, antique, classic, warbird, aerobatic, ultralight, general aviation, and unmanned aircraft

Objective	Activity : activities for one objective often support multiple objectives.	Target		Team Leaders
		2020	by 2023	
1. Increase adult membership of our EAA Chapter by 15% per year (5 per year)	<ul style="list-style-type: none"> <li>Develop outreach program for the over 200 EAA national members within 60 miles who are not members of our chapter (i.e. EAA Blast).</li> <li>Develop and distribute Chapter promotional material in the Community by direct contact with community organizations and other aviation groups.</li> <li>Run at least one Chapter event per year targeted at general public (i.e. pancake breakfast during Young Eagles flight day)</li> <li>Initiate Fast Start program and related individual adult Eagle program flights</li> <li>Each existing member invites one non-member pilot or adult to a chapter event</li> </ul>	40 members  Display material developed 1  5 30	55  3  15 90	
2. Increase Youth membership in our EAA Chapter by 100 per year, currently over 500 youth have participated	<ul style="list-style-type: none"> <li>Hold at least one Young Eagles (YE) flight event per year</li> <li>Complete first Ray Scholarship program and apply for second</li> <li>Co-sponsor at least one YE to EAA summer academy each year</li> <li>Follow-up program for YEs (i.e. pancake breakfast, engine/plane build etc.)</li> <li>Obtain donations to support young eagle programs</li> </ul>	600 total 1 1 1 \$4000	800 2 3 3	
3. Promote safe aircraft operation and general aviation flying at KPRB, in CA and beyond,	<ul style="list-style-type: none"> <li>Hold a Chapter flight advisor safety briefing every 6 months</li> <li>Sponsor or be directly involved in one FAA FAST program each year</li> <li>Initiate semi-monthly VMC club meetings for members and non-members</li> <li>Hold a Chapter technical advisor briefing every 6 months</li> <li>Initiate at three Chapter flyouts per year (linked with VMC, Eagle, Fast start)</li> </ul>	2 1 2 2 3	6 3 6 6 9	
4. Increase local and regional awareness of our Airport as a gateway to our community	<ul style="list-style-type: none"> <li>Sponsor and/or host one type club fly-in per year</li> <li>Invite aviation and community organizations to speak at Chapter</li> <li>Chapter members speak at aviation and community organizations</li> <li>Attend at least two regional fly-in events at other chapters – promote EAA465</li> <li>Float in Pioneer Parade and other town events (Atascadero, Templeton)</li> <li>Business cards for Chapter Board Members &amp; advisors, name tags for members</li> <li>EAA Trimotor, B17, B25 events</li> </ul>	1 1 1 2 1 8 1	3 3 3 6 1 8 1	
5. Improve Chapter services and facilities for members	<ul style="list-style-type: none"> <li>Initiate study to find permanent Hanger/space for Chapter</li> <li>Invite local and regional guest speakers</li> <li>Chapter Member(s) provide snacks/greeting for visitors at meetings</li> <li>Strengthen communications (i.e. Facebook, Web Site, Newsletter, EMs)</li> <li>Involve all members, when possible, in leading/implementing Chapter activities</li> </ul>	Complete 2020 See objective 4 1 Need leaders More Volunteers	1	
6. Improve income and financial status of Chapter	<ul style="list-style-type: none"> <li>Increase annual chapter dues from \$20 to \$30</li> <li>Add tip jar, sell EAA hats and T-shirts at Chapter events, pancake breakfasts</li> <li>Hold silent auction at Xmas Party - \$15 average item value</li> <li>Income from EAA for Young Eagle flights (\$15 each – average 100 per event)</li> <li>Donations for Young Eagle scholarships (average \$100 per member)</li> <li>Donations from businesses for young eagle programs (average \$300)</li> <li>Hold Plane wash day once a year (\$25 donation requested)</li> <li>Sell donated aircraft materials locally, eBay, Craigs list, Chapter Newsletter</li> <li>Income from Trimotor, B17, B25 Visits – one per year</li> <li>Donations for Hanger project is/when implemented (members and businesses)</li> </ul>	+\$350 \$300 \$300 \$150 \$3000 \$1500 \$250 \$300 \$800	+\$550 \$500 \$600 \$200 \$5500 \$2500 \$350 \$500 \$800	

**Annex II**

**EAA 465 MEMBER SURVEY – SHOULD OUR CHAPTER GET PERMANENT HOME/HANGER?**

Question/Input	Your Priority			Comment
	Hi	Med	low	
<b>1. What would you see as the use of a Chapter Hanger?</b>				
Regular Chapter meetings. VMC club etc.	IIII	I		
Support for Fly-in Events	IIII	I		
Support for Young Eagles & Chapter other events	IIII			
Establish tool crib for members		IIII	II	
Provide space for maintenance of member planes	II	III	I	
Provide space for renting space for member planes	I	I	IIII	
Provide space for member build projects	II	III		
Support EAA and other local/regional aviation events	IIIII			
Other -specify				
<b>2. What do you think would be the best option to obtain a hanger?</b>				
Find someone to donate a tax-deductible hanger	IIII			<b>Cost is biggest concern of board</b>
Lease an existing hanger/space	II		III	
Lease with option to buy	I	IIII	I	
Build a hanger	II	III	I	
Other = specify				
<b>3. How could/would you support a hanger project?</b>				
Help examining options for getting a Chapter hanger	IIII	I		
Work on a hanger chapter subcommittee	IIII	II	I	
Help provide/find funding if a build option was agreed	IIII	I	I	
Help maintain/manage a Chapter hanger	III	II	I	
Help build a hanger if this option was selected.	II	III	I	
Other - Specify				
I could donate \$500, \$1000, \$5000, another amount	<b>\$500,\$500,\$0, \$1000, \$1000, \$1000-\$5000 DEPENDING ON OPTION CHOSEN If we decide to buy or build we have \$4000-\$8000 pledged</b>			