

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

Paso Robles Airport (KPRB) Terminal

The regular 7:00 PM May 13, and related VMC Club, meetings are cancelled due to virus but many of our activities are moving forward

<https://chapters.eaa.org/ea465>



*New Chapter promotion display case at Airport – thanks to the Airport Manager
Display includes photos of member planes, information on events, etc.
If Chapter Members provide us their photos we can add them to the display*

HIGHLIGHTS OF THE MONTH:

- Impact of Corona Virus: The Chapter Board has met, but other Chapter activities (i.e. young eagles flights moved to Oct. 11, Bonanza fly-in postponed, etc.) but we expect to have a regular June meeting including the initiation of our new VMC club.
- EAA Ray-scholarship Program. We have selected one of our Chapter Young Eagles, Aiden Bajema, as our Ray Scholarship winner, training for his private pilot license will begin in the coming weeks.
- Chapter hanger/meeting space: we are investigating getting our own space
- Aircraft Donation: We now have a donated Glasair Kit and disassembled LYC 320 engine, and our Legal Eagle ultra-lite is now running thanks to Jonnie Via.

STEPS TO PREVENTING ENGINE AIRWORTHINESS ISSUES STEVE ELLS –CHAPTER CONTRIBUTING EDITOR

For various reasons most of us have not been flying as much as we're used to. Engines need to be flown. When they aren't flown, seals dry out, and protective oil coatings lessen, which can allow corrosion to start.

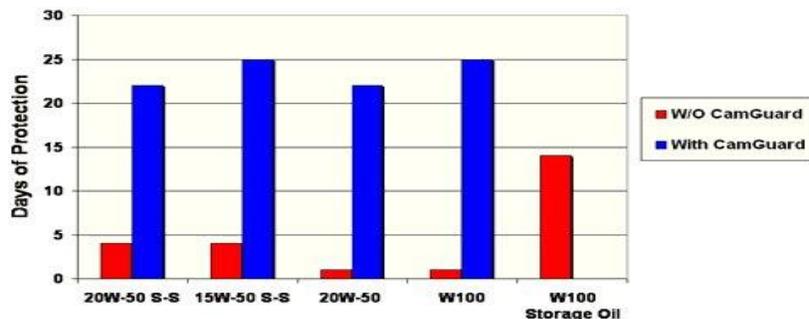
The big engine manufacturers differ on how often their engine need to be flown. Continental bulletins say if the engine is inactive for 30 to 90 days, do a temporary storage process similar to what is outlined below.

Lycoming has published the following: "The desired flight time for air cooled engines is at least one continuous hour at oil temperatures of 165°F to 200°F at intervals not to exceed 30 days, depending on location and storage conditions."

There are a number of methods that keep corrosion at bay; long term storage involves putting clear bags of dry silica gel at the carb inlet, the crankcase breather tube, the exhaust outlet and replacing one spark plug in each cylinder with a storage plug that contains the gel. But what if we can't do all that.

Realizing my beloved Comanche was going to be down for a while—I'm re doing the interior—I took the advice of Ed Kollin, the engineer who developed CamGuard. Kollin recommends flying until the engine is up to operating temperature before draining the oil and changing the filter/cleaning the screen. When you refill the sump, add the proper amount of CamGuard. Then fly again until the engine is up to operating temperature. That's it. CamGuard has been proven to prevent corrosion. There are CamGuard videos on YouTube if you're not familiar with this product.

DIN 50017 HUMIDITY CABINET TEST



VMC CLUB (CLUB LEADER MARC DART) mpdart11@aol.com

The Visual Meteorological Conditions (VMC) club is a way for all pilots who would like to improve their proficiency, learn new skills, tap into the experiences of other pilots and just do some hangar flying. The VMC club is for non-instrument rated pilots, but instrument rated pilots fly VFR too, so they also can benefit from being involved. The EAA also has an IMC club, which is for instrument rated pilots. As your 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 get the word out to all pilots- EAA members or not- so that as many pilots get the word about our program. 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 our official CFI. Each club needs a CFI who will be the go-to person for the "right" answer to our questions. Even though, as we all know, for many flying scenarios there can be multiple ways to do things, but having a CFI like Kendall involved, will keep us informed of what the regulatory right answers are, tap into his extensive experience as a pilot and CFI, and make sure we all understand the safest ways to do things.

Summary information was provided at our March 11 regular chapter meeting regarding the club. Due to the current coronavirus situation, our inaugural meeting for the club is temporarily postponed. We will continue to assess when we will be able to reschedule the kick-off meeting with plenty of notice to everyone. We look forward to when that can happen and when we all can do some hangar flying together. In the meantime, for more background information you can go to <https://chapters.eaa.org/EAA465/VMC-Club>

FLYING START/ EAGLES PROGRAM FOR ADULTS

Two keys to strengthening our Chapter require more and better activities for members, and more adult members - these two elements interact. EAA has developed a new and effective flying-start program to draw more adults into the aviation sector including learning to fly and joining Chapters. 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 a free eagle flight in a light aircraft. Most Chapter members have been doing some of the latter but without the initial seminar as screening device. <https://www.eaa.org/ea/eaa-chapters/ea-chapter-resources/chapter-programs-and-activities/flying-start>

Kendall Pearson, our Chapter Vice President, Chief Flying Instructor (CFI), and owner of "Fly Paso Robles" has reviewed the flying start program and offered to run the seminar - with the understanding that other Chapter Members would need to agree to be on a "roster" to provide the follow-up Eagle flights. This activity is in the planning stages, can be linked with the previously described VMC club, and may be initiated later this year if endorsed by the Chapter membership.

YOUNG EAGLES PROGRAM

Ray Scholarship Program. Through the national EAA organization, The Ray Aviation Foundation has donated a number of \$10,000 scholarships to be used by local youth for official flight training. The local Paso Robles chapter 465 has been granted selection and administration responsibilities for one of these scholarships and requested applications based on EAA criteria. After reviewing applications, the Chapter Board unanimously confirmed the #1 ranked candidate as Aiden Bajema, one of our Chapter Young Eagle members.

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 \$100 we could facilitate some initial training), (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 aaa465@sbcglobal.net, or via check to Treasurer, EAA Chapter 465, 7460 Pinal Ave, Atascadero, Ca, 93442.

FREE

Airplane Rides for Youth (Young Eagles) 8-17

October 3, (postponed from original May 23 due to virus)

**Sponsored by the Paso Robles Experimental Aircraft Association
(EAA)**

Paso Robles Airport Terminal

No Reservations required, but you can pre-register at

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



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.

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

Fly-outs: We are planning these for every other month, they can be linked with our new VMC club. The next several are planned for Mojave, and Columbia for June Father’s Day, but may be delayed due to the Corona Virus.

OTHER INTERESTING ACTIVITIES

- Glaser Experimental Aircraft Kit and LY 320 engine: We just received a donation of this partially completed kit and disassembled engine, from Chapter Member Ron Steinberger, and intend to use it for hands on training for youth and adult members.



- Ultra-lite: Jonnie Via has moved our Legal Eagle Ultra-lite to his shop where he and other volunteers are analyzing it in detail, we want to display it at our events and Jonnie just got it running!!!
- Cloud Clippers: we are looking forward to a visit to the Airport Cloud Clippers field, once the virus and wind calms down, Ron Steinberger is the contact person, and we are thinking about starting a “build and fly” event for young eagles. For more information <https://www.eaa.org/eaa/eaa-chapters/eaa-chapter-resources/chapter-programs-and-activities/EAA-Young-Eagles-Build-and-Fly-Program>
- 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. Watch this space for developments.

CIVIL AIR PATROL PROMOTING AVIATION IN NORTH COUNTY, CALIFORNIA, AND NATIONWIDE

Civil Air Patrol got its start during World War II. Formally established just a week before the Japanese attack on Pearl harbor, those founding members flew their own planes for German U-boat surveillance along the East and Gulf Coasts. They actually attacked U-boats 57 times and sunk two. Today, CAP's mission areas are aerospace education, cadet programs and emergency services. Its 55,000 members are actively engaged in search and rescue, disaster relief, and other vital functions as an AUXILLIARY OF THE UNITED STATES AIR FORCE. Senior members fly as mission pilots, observers and scanners, and work in ground support. The Cadet Program, for young people ages 12-21, provides education and training.

Aerospace Education

Continuing education for senior members provides support for general aviation in the community. Participation in the educational program is required to advance in CAP. CAP holds workshops for teachers to help them get the knowledge they need to share with their students. Aerospace educators at

CAP's National Headquarters at Maxwell Air Force Base, AL, provide current materials that reflect the highest standards of educational excellence.

The CAP Cadets program, which includes several activities that parallel the EAA Young Eagles program, provides aerospace education that gives Cadets a leg up in higher education and careers. CAP's Cadet 16-step program includes aerospace education, leadership training, physical fitness and moral leadership. Academic scholarships are available for higher education in engineering, science, aircraft mechanics, aerospace medicine, and meteorology. Cadets can earn qualifications that allow them to enter the U.S. Air Force as E3, Airman First Class, rather than a basic E1. Summer camps give young people the opportunity to have a flight in one of CAP's Cessna 172 or 182 aircraft. Cadets may be able to fly in the right-hand seat and take the controls.

Search and Rescue

CAP's aircraft typically fly with a three-member aircrew of Mission Pilot, Observer and Scanner. The Observer and Scanner are not required to be pilot rated. The Observer is trained to support the Mission Pilot with navigation, communications and does scanning from the right front seat. The Scanner is trained for back seat duty tasked with target sighting. Mission Base typically consists of incident commander, air operations, ground operations, communications and other staff as required depending on the size of the mission. CAP search and rescue missions save about 75-100 people each year.

Disaster Relief

CAP provides air and ground transportation and an extensive communications network during disaster relief efforts. Volunteers fly disaster relief officials to remote locations and provide manpower and leadership to local, state and national disaster organizations. CAP has formal agreements with many relief agencies including the American Red Cross, Federal Emergency Management Agency, Federal Aviation Administration, National Transportation Safety Board and the U.S. Coast Guard. Serving when needed.

Humanitarian Services

CAP Flies humanitarian missions in support of the Red Cross, transporting time-sensitive medical materials including blood and human tissue, in situations where other means of transportation are not available.

Air Force Support

In direct support of the U.S. Air Force, CAP conducts light transport, communications support, and low-altitude route surveys. CAP also provides orientation flights for CAP and AFROTC cadets. Joint USAF and CAP search and rescue exercises provide realistic training.

Counterdrug

CAP joined the "War on Drugs" in 1986 when, pursuant to congressional authorization, CAP signed an agreement with the U.S. Air Force and U.S. Customs Service offering CAP resources to help stem the flow of drugs into and within the United States.

Local squadrons

CAP has organizational activities at the local, state regional and national levels. Members serve as volunteers at air shows.

San Luis Obispo and Paso Robles have local CAP squadrons. Contact Gordon Heinrichs, a board member of Paso Robles EAA Chapter 465, who is a senior member of the Civil Air Patrol in San Luis Obispo squadron holds a rating of Mission Pilot and the rank of Major at gordon.heinrichs@gmail.com, 805-203-5018, for more information or check out the CAP web site at <https://www.cawqcap.org/>.

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 05/01			
<i>Check Newsletter, Facebook, Web Site for updates and more details</i>			
TBD	Activity/Event	Contact/Liaison	
05 TBD	Chapter visit to Cloud Clippers Field	Ron Steinberger	805 674 5749
05/13	Chapter Meeting 7 PM, Airport, cancelled	Dave Fretwell	703 606 0865
05/13	VMC Meeting, 6:00 PM, Airport, cancelled	Marc Dart	805 239 4184
05/23	Young Eagles Flights Postponed to 10/03	Darrell Radford	805 464 9863
05/30	Pacific Bonanza Society Fly-in Postponed	Marc Dart/Dave F	805 239 4184
06/10	Regular Chapter Meeting, 7 PM, Airport Terminal	Dave Fretwell	703 606 0865
06/10	VMC Meeting, 6:00 PM, Airport Terminal	Marc Dart	805 239 4184
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		
09/09	Regular Chapter Meeting, 7 PM, Airport Terminal	Dave Fretwell	703 606 0865
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	No events yet		
12/06	Xmas Party, 12:30 PM, Airport Terminal	Dale Ramey	805 466 3684