

**PASO ROBLES EXPERIMENTAL AIRCRAFT ASSOCIATION
(EAA) CHAPTER 465 NEWSLETTER – January 2021**

Darrel Radford's Christian Eagle



We look forward to 2021 with continuation of most of the 2020 programs, plus the addition of more fly-outs, starting our VMC club which have been on hold due to COVID, hopefully obtaining another Ray Scholarship Grant for a Young Eagle, replicating our annual Eagles and Young Eagles flights, starting a day summer camp for selected Young Eagles, and perhaps starting an engine maintenance overhaul program etc.

We have several changes/updates in Board members and technical support personnel beginning in January: Kendall Pearson will take over as President; Dave Fretwell will be Vice President handling several administrative roles including the newsletter, web site and secretarial duties; Gordon Heinrichs has agreed the lead in organizing programs for our meetings; David Muzio will be our flight safety advisor; and Marc Dart will be our technical advisor as well as leading new VMC club activities. **Note that Chapter 2021 dues of \$30 for adult members are now due, please mail a check to Dale Ramey, 7460 Pinal Ave. Atascadero, 93422, or send funds via Paypal to eaa465@sbcglobal.net**

We will be holding the regular member meeting Wednesday January 13, 7:00 PM via Zoom. We cannot meet in person due to COVID restrictions. To join this meeting you just open your computer browser and click on the following link <https://us02web.zoom.us/j/88408498112> . You do not have to download the Zoom application software. You can also join the meeting on your phone by calling the toll free number 669 900 9128 and the meeting ID number is 884 0849 8112

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CORROSION!! HOW MUCH IS TOO MUCH?
STEVE ELLS – CONTRIBUTING EDITOR

Corrosion-insidious blight!. Whatever you call it, the word corrosion has been an important topic of discussion around airplanes for decades.

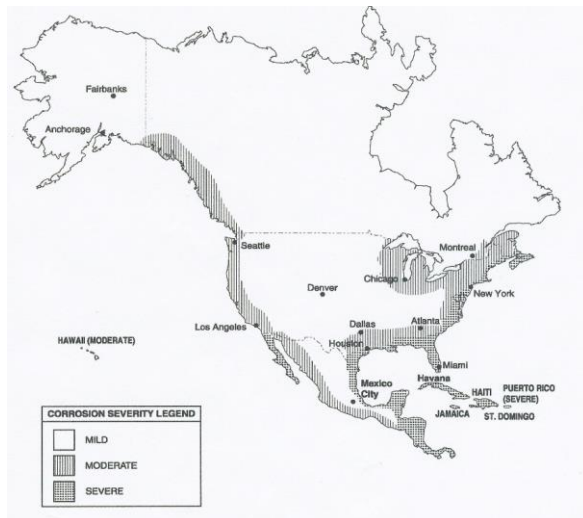
Corrosion is defined by in the 127-page FAA Advisory Circular (AC) 43-4B titled, *Corrosion Control for Aircraft* as “. . . the electrochemical deterioration of a metal because of its chemical reaction with a surrounding environment.”

“Corrosion is most often a slow process of material deterioration, taking place over a long period of time. Examples are general corrosion, pitting, stress-corrosion cracking, environmental embrittlement, and corrosion fatigue and exfoliation.”

Moisture in any form is by far the most common electrolyte in the reaction that is corrosion. Aluminum airplanes that live in dry environments, as a rule don’t corrode as quickly as those in wetter climates. Those based in wet, hot climates such as Southern Florida and along the Gulf Coast suffer more corrosion than those in dry climates.

A “Corrosion Severity” Map in the AC shows that the Central Coast is a “moderately” severe corrosion area.

[https://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/0/e277b4a370dcf3a886258315005ccdfc/\\$FILE/AC%2043-4B.pdf](https://rgl.faa.gov/Regulatory_and_Guidance_Library/rgAdvisoryCircular.nsf/0/e277b4a370dcf3a886258315005ccdfc/$FILE/AC%2043-4B.pdf) .



AIRCRAFT ENGINE & GLASAIR KIT SOLD !!!!

One of our previous Chapter members, Wade Osburn, had a Lycoming 320 engine and partially completed Glasair 1 kit for sale. Our chapter helped him sell the engine for \$12,000, and in turn he donated the Glasair Kit to our Chapter which we also sold for \$3500. These the funds will be used to support our 2021 programs. Both sold via Barn Stormers in 24 hours. Thank you Wade!!

YOUNG EAGLES

Our 2020 Young Eagle Aiden Bajema received the \$10,000 EAA Ray Scholarship and completed his Private Pilots License in December and then won a Lightspeed Headset



We have applied for a 2021 EAA Ray Scholarship Grant which could finance of up to \$5000 for PPL training. Our Chapter is eligible for one or two of these \$5000 grants leading to a PPL, We are not eligible for the full \$10,000 needed to complete a PPL, because we got a \$10,000 grant in 2020. WE expect to hear the results in January, and if we are successful we will then request applicants from our many existing young eagle members. We will have to identify local funds for the additional \$5000 needed to pay the cost of completing PPLs for each young eagle.

We will be implementing several 2021 Young Eagle programs including: (i) the regular flight program in the spring 2021, (ii) summer day camp for selected young eagles in August, and (iii) senior young eagles may participate in the “engine build” program (see following description).

TENTATIVE 2021 FLY-INS

As a Chapter we made a decision to sponsor one fly-in a year. To date we have no firm events for 2021 but are renewing contacts with the Pacific Bonanza Society, which we had a fly-in scheduled for 2020 but it was cancelled due to the COVID. In addition, one participant at the 2020 California Chapter fly-in suggested we organize a fly-in for Canard experimental planes, we have suggested several options to the Cunard group of over 1000, and are waiting for a response.

TENTATIVE 2021 FLY-OUTS

We are planning these for every other month. Tentative dates include Shafter Minter Airport museum for their Wings and Wheels day normally held in November, Other possibilities are Mojave which has had an informal fly-in the third Saturday of the month, another is the June 16 Columbia Father’s day fly in. **We need other suggestions several members to organize/lead the Shafter and Mojave fly-outs**

OTHER CHAPTER PROJECTS AND EVENTS

Visual Meteorological Conditions (VMC) club (Team Leader Marc Dart). The start of the club is still delayed due to the COVID and is anticipated to start in 2021 depending on COVID. It 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. It's also a way to recruit new members to our EAA chapter. The club is an EAA sponsored and supported activity, with many resources to support its mission. More information can be found <https://chapters.eaa.org/EAA465/VMC-Club>

Engine Build Project: We are slowly moving forward on this activity which is intended for senior Young Eagles and Adult Chapter members who want to learn more about maintenance and repair of piston aircraft engines. The idea is to dismantle an engine, check out all parts, reassemble, and hopefully run one engine. We do not intend to create a certified overhauled engine, as this would be costly and limit participation of Chapter members. We would use the same engines for future workshops. We have one donated engine, and potentially one or more being identified. We have access to AirJav's hanger on Saturday's and specialized tools for the program, and several A/P members have volunteered to assist. The plan is to start the program this fall, with one or more work days each month over several months to complete the overhaul. We need more part-time volunteers to assist, donations of basic tools, etc. Other Chapters are running similar programs.

Chapter 465 Hanger project: We continue to look for hanger space. We decided not to attempt to take-on building a new hanger at this time but rather look at existing options (i.e., donation of a hanger and use of existing space). We have access to an excellent meeting space in the Airport Terminal, AirJav will assist with space for the pending Aircraft engine project, and Kendall Pearson has offered his hanger #205 for an informal Saturday coffee and doughnuts social gathering one day a month once COVID fades. We are a 501C(3) charitable organization. If you know someone who might have a hangar to donate please let us know, and our Chapter can provide the owner of a donation with a tax-deductible certification. In addition, we would like to continue to get donated funds, aircraft, and aviation materials including kits and mechanical items that we can sell to help us acquire a hangar? Please contact Tony Gaspar at 805-423-1816 if you can help.

Commented [D1]:

Communicating with Chapter Members and the General Public

- Check out our web site at <https://chapters.eaa.org/ea465>
- Check out and post things on our Facebook Page <https://www.facebook.com/EAAchapter465/?pageid=1372309742934835&ftentidentifier=1411397102359432&padding=0>
- If you want to join our Chapter we would welcome you (only \$30 per year, our member application form can be found at <https://chapters.eaa.org/EAA465/Archives>
- Also check out and post things on the KPRB Paso Robles Pilots Facebook Page <https://www.facebook.com/groups/2596514977049824>

DRAFT CHAPTER SCHEDULE FOR 2021

2021 EAA Chapter 465		
<i>Always Check Newsletter, Facebook, Web Site for more background and details</i>		
M/D	Activity/Event	Contact/Liaison
1/11	Regular Chapter Meeting, 7 PM, ZOOM only	Kendall Pearson
2/10	Regular Chapter Meeting, 7 PM, Airport Terminal Presentation of Aircraft Safety, 7:30	Kendall Pearson David Muzio
3/10	Regular Chapter Meeting, 7 PM, Airport Terminal	Kendall Pearson
3/10	VMC Club, 6 PM, Airport Terminal	Marc Dart
3/	Fly-out to Shafter	Need Leader
4/14	Regular Chapter Meeting, 7 PM, Airport Terminal	Kendall Pearson
4/	VMC Club, 6 PM, Airport Terminal	Marc Dart
5/12	Regular Chapter Meeting, 7 PM, Airport Terminal	Kendall Pearson
5/22	Young Eagles event	Darrell Radford/Aiden Bajema
6/9	Regular Chapter Meeting, 7 PM, Airport Terminal	Kendall Pearson
6/16	Flyout to Columbia – Father’s Day	Dave Fretwell
7/14	Regular Chapter Meeting, 7 PM, Airport Terminal VMC Club, 6 PM, Airport Terminal	Kendall Pearson Marc Dart
8/15-20	Chapter Summer Camp for Young eagles No Chapter meeting meeting	Dave, Darrell, Ron Steinberger
9/8	Regular Chapter Meeting, 7 PM, Airport Terminal	Kendall Pearson
9/	Possible Fly-in (Bonanza or Cunard)	Dave/Marc/Dale Ramey
10/13	Regular Chapter Meeting, 7 PM, Airport Terminal	Kendall Pearson
10/16	Eagles event	Kendall Pearson
11/10	Regular Chapter Meeting, 7 PM, Airport Terminal	Kendall Pearson
11/10	VMC Club, 6 PM, Airport Terminal	Marc Dart
11	Fly-out out to Mojave	Need leader
12/12	Xmas Party 12:30 PM At Airport Terminal	Dale Ramey

Note activities may be added , deleted, and dates changed monthly as we go forward