

PASO ROBLES PILOT



Monthly Newsletter of EAA Chapter 465- www.EAA465.org

Inside This Issue

President's Message
Chapter Minutes from Last Meeting
PRAA Update
Safety Corner
Learning Corner
FAA 100VLL Fuel
EAA Chapter 465 Application Form
EAA Information & Links

Chapter Officers

President: **Pete Johnson**
petejrv8@charter.net 805-226-8723

Vice President: **Darrell Radford**
radford@tcsn.net 805-238-2509

Treasurer: **Dale Ramey**
mdramey@att.net 805-466-3684

Secretary: **Dale Ramey**
mdramey@att.net 805-466-3684

Technical Advisor: **Mike Laubach**
805-461-5293

Flight Advisor: **Rod Dykhouse**
n441rd@hughes.net 805-434-2748

Safety Advisor: **Mac Gleim**
mac.gleim@att.net 805-238-6407

Young Eagles Coordinator: **Liz Johnson**
grammylu@charter.net 805-226-8723

Web Master: **David Fretwell**
scarcliffe@sbcglobal.net 703 606-0865

Newsletter Editor: **Phil Corman**
philcorman@hotmail.com 805-227-0480

President's Message

By Pete Johnson

Here we are into fall season with cooler temperatures. This has been an interesting summer with some unusual weather patterns. We'll see what the fall brings.

Our Flight Advisor, Rod Dykhouse, has agreed to give a talk about anything to which he can contribute regarding his military flying experiences, commuting by RV-4 to Long Beach through the LA basin area, his CFI experiences, or about building his RV-4. He has asked that members suggest some subjects around these facets of his flying. Please contact me with suggestions.

Many of you know that Dale Ramey and I have been searching for a candidate for President of the chapter. It is my pleasure to announce that Ralph Richards has agreed to be a candidate. He will be presented at the meeting this month as the only

candidate, unless someone else comes forward to challenge. In accordance with our bylaws, we will hold the election of President and Vice President in November. Darrell Radford, our incumbent VP, will run again.

To help the incoming President, I would like to get our Program Committee active again. Please offer some time to help us plan some interesting

Paso Robles Pilot - EAA Chapter 465

programs for future meetings. I will serve on the committee.

Several months ago, I asked about whether the chapter members would be interested in hosting the EAA B-17 for the 2012 tour. I got positive feedback, so I have applied for a tour stop for next year. If we are lucky enough to get one, it will require commitments from three members besides me to assist during their stop. They would send us a manual which describes our involvement. We would receive a commission for the event. Wish us all luck!

Our next meeting is Thursday October 6. I hope to see you all there. We're still working on some guest speakers, but will probably be showing more of the RV-8 construction video.

Next Meeting on October 6 @7pm
Thomson Hall at the EWM

Regards,
Pete

Chapter 465 Minutes – Sept 1, 2011

Submitted by Dale Ramey

Meeting Called to Order by President Pete Johnson at 7:05 PM.

11 Members attending

Announcements:

Airport Day September 10, 2011
Chapter will submit applications to host
Aluminum Overcast
Elections are coming in November
Pete is not running

Approval of Minutes – Motion to accept by Darrell Radford , Second Ralph Herman

Treasurers Report – There is an Account Balance of \$1,773.00.

New Business – None

Old Business – Dennis Bradshaw reported the Ground School Program is on Hold. He will start again this fall.

Flight Advisor's Report – None

Technical Report - None

Safety Report – Mac Gleim presented an accident report on an RV-6 accident in Caldwell, Ia.

Program – Another segment of "From the Ground Up" video was shown.

Meeting adjourned at 8:00

Fly-In Events within 250 miles of KPRB

Oct 1	EAA Chapter 119 Young Eagles Rally	Watsonville, CA, USA	109 miles
Oct 2	West Coast Tailwind Fly-In	Bakersfield, CA	100 miles
Oct 15	EAA Chapter 1264 Young Eagles	Hollister, CA, USA	92 miles
Oct 15-16	Lemoore NAS Airshow	Lemoore NAS	



by Phil Corman

PRAA Update: [Click Here](#) for Details
[Click Here](#) to join the PRAA mailing list.

The Paso Robles Jet Center is having a **Customer & Community Appreciation Barbeque** on Friday, October 14, 2011 from 12:00-4:00pm at the Paso Robles Regional Air Terminal. It's open to everyone and is free. Come on out to meet our new FBO and bring your non-aviation friends so they can see our airport.

The Jet Center has introduced the Paso Robles Discovery Packages. There are 3 packages that include a stay at one of the Holiday Inn, the Paso Robles Inn, or the Hotel Cheval. All include \$.50/gal discount on 100LL, free parking during the stay at the airport, and 20% off your aircraft detailing.

Thanks to the Paso Robles Jet Center!

And don't forget to swing by the **NEW Paso Flying Service** down by the fuel pumps. Learn how to fly airplanes and/or helicopters, hang out in the pilot lounge with HDTV and computers for flight planning, or spend time in the self-study room. This is a great place to meet others at the airport and maybe fulfill one of your dreams or start a flying career.

Safety Corner

[Click Here](#) to open this Safety Newsletter



Features

FROM 0 TO 500 <i>A Tale of Two Deserts</i>	4
BY JAMES WILLIAMS	
THE COMPLEAT AVIATOR <i>Opportunities to Expand Your Aviation Horizons</i>	8
BY SUSAN PARSON	
RIDE THE SKY <i>Gliding Your Way to Greater Pilot Proficiency</i>	12
BY TOM HOFFMANN	
INTERESTING WAYS TO BORE HOLES IN THE SKY <i>Using Commercial Maneuvers to Enhance Your Piloting Skills</i>	15
BY DOUG STEWART	
MAKING THE MAGIC WORK <i>Decoding Automation Before It Derails Your Flight</i>	18
BY JAMES WILLIAMS	
TRUST, BUT VERIFY <i>Airworthiness Tips for Pilots of Rental and Multi-Owner Aircraft</i>	22
BY SUSAN PARSON	
TOO OLD TO FLY? <i>Relieving the Aches and Pains of Aging GA Aircraft</i>	25
BY TOM HOFFMANN	

Thought for the Month

I decided that if I could fly for ten years before I was killed in a crash, it would be a worthwhile trade for an ordinary lifetime.

-- Charles Lindbergh

EAA Information

EAA Member Benefits

- EAA Insurance - Aircraft, Non-Owner, Renters & Personal
- EAA Aircraft Financing
- EAA Flight Planner
- Discounts on FAA written tests at LaserGrade
- EAA credit card 10% savings from Aircraft Spruce

Paso Robles Pilot - EAA Chapter 465

- You can save 'hundreds – even thousands – of dollars' on your next Jaguar or other Ford car
- You can buy your John Deere Tractor for less money
- EAA has discounts for Hertz and Enterprise car rentals

Paso Robles Airport Association

<http://www.prb-association.com>

Paso Robles Airport

<http://prcity.com/government/departments/publicworks/airport/index.asp>

Interesting EAA Chapter Web Sites

EAA Chapter 1 at Flabob www.eeach1.org

EAA Chapter 7 at Long Beach www.eaa7.org

EAA Chapter 14 at San Diego www.eaa14.org

EAA Chapter 1000 at Muroc www.eaa1000.org

EAA Chapter 170 @SLO www.eaa170.blogspot.com

PRB Websites

Corrections – Please send any newsletter comments, corrections, suggestions, or your new e-mail address to:

Phil Corman <philcorman@hotmail.com>

FAA Aviation Safety

SPECIAL AIRWORTHINESS INFORMATION BULLETIN

SAIB: NE-11-55

SUBJ: Grade 100VLL Aviation Gasoline

Date: September 14, 2011

This is information only. Recommendations aren't mandatory.

Introduction

This Special Airworthiness Information Bulletin (SAIB) advises aircraft operators, Fixed Base Operators (FBOs), FAA repair stations and Flight Standards District Offices, and Foreign Civil Aviation Authorities that grade 100VLL aviation gasoline meeting the American Society for Testing and Materials (ASTM) fuel specification D910 is acceptable for use on aircraft and engines certificated for operation with D910 grades 80, 91, 100, and 100LL aviation gasolines. Grade 100VLL meets all the performance requirements of grades 80, 91, 100, and 100LL and therefore meets the approved operating limitations for aircraft and engines certificated to operate with these other grades of aviation gasoline.

Background

The FAA relies on ASTM International to develop fuel specifications that applicants may designate as operating limitations for their approved products. These aviation fuel operating limitations may be listed in the product's Type Certificate Data Sheet (TCDS), Installation Manual, service instructions, or as limitations associated with a Supplemental Type Certificate (STC).

Grade 100VLL aviation gasoline (avgas) was developed by ASTM International to provide a lowerlead alternative to 100LL in response to impending environmental regulations. Grade 100VLL is identical to 100LL in all aspects, except that the maximum lead content is reduced by about 19%. The specification criteria for lead content is expressed as only a maximum value, because avgas producers routinely tradeoff lead content with other fuel compositional changes to meet the specification criteria for Motor Octane Number (MON). FAA survey data has shown that the lead

content can vary by up to 39% from the maximum lead value listed in the specification while still meeting the MON minimum requirement. Consequently, and most importantly, grade 100VLL has the same minimum octane rating and will provide the same level of anti-knock performance as 100LL and 100 avgas grades.

The FAA collaborated with industry on the ASTM International task force that evaluated data supporting the incorporation of grade 100VLL into specification D910. The FAA determined that grade 100 VLL meets all of the performance requirements of grades 80, 91, 100, and 100LL and will perform identically in existing aircraft and engines.

Recommendations

Because grade 100VLL avgas that meets ASTM specification D910 is identical to grade 100LL avgas, the following recommendations apply:

1. Grade 100VLL avgas is acceptable for use on those aircraft and engines that are approved to operate with grades 80, 91, 100, or 100LL avgas.
2. ASTM International standard D910 specifies blue coloration for both grade 100VLL avgas and grade 100LL avgas, and, therefore, these fuels are visually indistinguishable from each other.
3. Operating limitations in Aircraft Flight Manuals, Pilot Operating Instructions, or TCDSs that specify grades 80, 91, 100, or 100LL avgas fuel are acceptable for use with grade 100VLL avgas.
4. Current aircraft placards that specify grades 80, 91, 100, or 100LL avgas are acceptable for use with grade 100VLL avgas.
5. Operating, maintenance, or other service documents, for aircraft and engines that are approved to operate with grades 80, 91, 100, or 100LL avgas, are acceptable for use when operating with grade 100VLL avgas.

For Further Information Contact

Mark Rumizen, Aerospace Engineer, FAA, Engine & Propeller Directorate, 12 New England Executive Park, Burlington, MA 01803
phone: (781) 238-7113; fax: (781) 238-7199; email: mark.rumizen@faa.gov.

