



The Leader In Recreational Aviation

CHAPTER 157

EXPERIMENTAL AIRCRAFT ASSOCIATION

www.eaa157.org

April 2016 BRIEFINGS

Page 1-4

Chapter Officers

President

Jim Bremer...222-8001

jim@eaa157.org

Vice President

Irwin Fust...351-8203

Irwin@eaa157.org

Secretary

Herb Zuidema...275-5103

herb@eaa157.org

Treasurer

Paul Gilman...547-2334

paul@eaa157.org

Chapter Address

EAA Chapter 157

P.O. Box 992353

Redding, CA 96099

Join Us

*Third Tuesday of
each month:*

6:30 PM

Dinner Meeting

in the

Quonset Hut

on the west side of

Benton Airpark

The Prez Sez-Some More Thoughts on ADS-B

If you attended our recent Thursday night edition of the 2nd Saturday safety seminar, you heard a speaker from the FAA explain and espouse the virtues of ADS-B. But, I'm still not convinced that this is the be-all, end-all its proponents seem to be predicting.

As I pointed out in a previous editorial, it is a ground-based system, rather than satellite. (This is probably due to the massive amounts of data involved. ADS-B out is transmitting all of your aircraft's information 6.2 times per second.)

So what does this mean? If you're not within the range of a ground station, between Redding and Eureka for example, you're not receiving anything from the ground, even though the FAA's coverage predictions show otherwise. I could be wrong, but I know a little bit about radio wave propagation. The frequencies involved are confined to line of site, more so than our normal communications and navigation frequencies. So, for example, if you're west of Redding in Trinity County and can't hear RDD's ATIS on 124.1, you're not getting anything from an ADS-B ground station. With ADS-B, the only way 2 pilots flying into Hayfork would know the other was there would be if they both had UAT 978 MHz equipment. At least one would have to have "out" and the other "in" capability. In this case, the one with "in" capability would detect the signal from the "out-equipped" aircraft directly, without a ground station involved. Of course, they could always get on the radio or look outside, but that's old school.

The other problem I see with the system is that, for it to work effectively, everybody needs to have ADS-B out equipment, which includes WAAS GPS data and the appropriate transmitting equipment. If a pilot is flying down the valley in a Cub, with no transponder, no ADS-B Out equipment and maybe no radio, another ADS-B equipped pilot will never know it's there (unless he or she looks outside). My big fear is that those who've spent the money for the latest and greatest equipment may become too reliant on the technology and not use basic see and avoid techniques to keep from colliding with somebody else. I suspect there will be lots of aircraft owners who decide they don't want or need ADS-B, due to cost and the places they fly.

Remember, the 2020 mandate only applies to someone flying into airspace where they need a transponder. If you don't fly above 18,000 feet and avoid Class B & C airspace, you don't need the equipment.

Jim Bremer

April 5, 2016
EAA Chapter Board Meeting

The meeting was called to order at 7:02 PM by Pres. Jim Bremer; Officers present; Vice Pres., Irwin Fust; Treasurer, Paul Gilman; Secretary, Herb Zuidema; Directors present: Phyllis (Dave) Kirkman, Steve Wallace, Dick Wilkinson, Jack Limmer, Julie Ostendorf and Wayne Pero. Guest, Jim Ostrich.

Minutes: Motion by Irwin F. and Second by Steve W. that the Minutes be approved. Motion passed.

Treasurer's report: Paul G. presented the Financial Report as of this date. It was moved by Steve W. and Second by Irwin F., that the Financial Report be accepted. Motion passed. A full financial report is available upon request.

Old Business:

Chapter 157 Scholarship Offer Status: Pres. Jim B. reported only one applicant has filed an application. A committee of Chapter Officers will review the application and interview the person. They will report back at the next meeting with their findings.

Young Eagle Flights: Barbara C., our Chapter Coordinator for Young Flights, said she has approved pilots signed up for the April YE Flights of April 16, 2016 which is enough pilots to fly about 107 kids between approximately 08:30 am and 11:00 am possible. More ground crew are needed. Can you help?

Irwin F. reported some suggestions for advertising for Young Eagle flights. His research resulted in a newspaper ad (one eight page size) for \$245. It was moved by Julie O. and second by Paul G. instructing Irwin F. to proceed with the ad. Motion passed.

New Business:

Aviation Day Coordination: Our guest Jim Ostrich, Benton Air Center, presented his concerns, suggestions re: our Chapter's Aviation Day event coming up soon on Father's Day June 19, 2016. A discussion was held re: hangar space at the Air Center for the pancake breakfast, airplane rides for the public, aircraft display, the number of volunteers that participate (CAP, Coast Guard Cadets, a great number of EAA Chapter members and friends) and etc. Since this year will be a first for Benton Air Center, much was deliberated over re: receipts, costs, permits from the City, insurance coverage by the National EAA, sales taxes etc. Jim O. and the Chapter Board members concluded that we have workable, coordinated effort by everyone concerned.

Chapter Dinner Meeting will be April 19, 2016 The menu this month will be a **SURPRISE** we are told. **Phyllis and Dave Kirkman**, celebrated chefs, just returned from preparing the **post-Academy Awards dinner in LA**. And.....(the envelope please) **the SURPRISE MENU will be** *Come (and be surprised)enjoy and most of all the Fellowship of Kindred Birds of the Air. Invite a friend and ya all come! We'll have the heater/cooler???? going.*

April Dinner Meeting Program. We have an interesting program this month. We'll start off with our guest Paul Osterman, Director at Large for Cal Pilots. He will be speaking about a new pilots organization forming in Northern California called the North State Aviation Association (NSAA). We'll follow that with a short video by our own Dick Wilkinson and end the evening with a look at flying the world in luxury in the 1930's.

Motion by Dick W. and Second by Steve W. the Meeting be adjourned. Motion passed.

Chapter Officers: President: Jim Bremer _222 8001; Vice president: Irwin Fust_378 1801; Secretary: Herb Zuidema_275 5103; Treasurer_Paul Gilman, 547 2334. Directors: Audrey Schutte_246 9255, Barbara Crooker_549 4275, Steve Wallace_275 1131, Dick Wilkinson _524 2624, Phyllis Kirkman_356 2240, Jack Limmer_ Julie Ostendorf_244 2513. Technical Consultant: Rex Daniels 396 2239. Flight Advisor: Irwin Fust 351 8203. Chapter Address: EAA Chapter 157, P.O. Box 992353, Redding, CA 96099. Meeting time: Third Tuesday of the Month, 6:30PM Dinner Meeting. Meeting Place: Quonset Hut, Benton Airpark- west side

Announcements

Dues Reminder: *Chapter Dues were "due" in January 2016. Are you up to date?*

Piper Colt For sale: 1961 Piper Colt (PA-22-108). See attached data and photos.

Lancair For Sale: 1993 Lancair IO360. See attached data and photos.

Memorial Service: A Memorial Service will held at the Quonset Hut in memory of Curly (Rafael) Medina following the Young Eagle Flights this **Saturday April 16, 2016 at 3 pm.** Dorene and Curly are long time members of our EAA Chapter 157, serving in many capacities through the years. Their contribution to this Chapter has helped immensely to bring it to what we have today. Thank you Dorene and Curly.

AOPA Airport Representative: Irwin F. reported the AOPA is asking for a volunteer to serve to represent Redding Municipal and Benton Air Park on issues that affects us all on our two airports. If interested contact Pres. Jim B. (see phone no. in above sidebar)

Benton Air Center-Wings, Wheels, and Tri Tip: **Starting March 18th, 2016, and every 2nd Friday Night** from 4pm-sunset, **Benton Air Center**, will be offering **a Tri Tip Dinner from 5-7pm (\$12)** plus beer, wine and soft drinks. Free Admission! / Plane Rides Available! Historical Aircraft Display on Ramp! **Location** will be at **Benton Air Center, 2600 Gold St, Benton Air Park, Redding.** For more info. Call 530 241 4204. **See attached flyer.** Also plans are being made, Jim Ostrich tells us, for a Swap Meet, Spot Landing Contest, Flour Bombing coming up.

Aircraft Builders

AIRCRAFT UNDER CONSTRUCTION/RESTORATION

In recent discussions, the Board of Directors realized we don't know how many homebuilders there are in the area, or who they are. We set about creating a list of the builders we know of, to build a resource for helping one another and networking. For example, if someone has a problem with some aspect of building a particular model of RV, the list could help him find someone who has experience with that aircraft. Another purpose for the list could be to contact homebuilders who are not Chapter members to encourage them to attend meetings and join the Chapter. Another purpose for the list could be as a resource to invite homebuilders to occasionally participate as panel members for a program for a regular meeting of the whole membership, to discuss aspects of homebuilding that would be of general interest.

To make this resource successful, we need your help. **Attached is a start of a list** of homebuilders who fly out of either Benton Field or Redding Muni. **As you will see, we don't have a complete list of mail and/or phone numbers and there may be other homebuilders that should be on the list. If you know a phone number, email address or other names, please send an email to Herb Zuidema herb@eaa157. Or 530 275 5103.**

FAA Safety Seminar, **Second Saturday, each month 10 AM until
Noon, at the **Quonset Hut, Benton AirPark**
Sponsored by EAA Chapter 157, Redding, CA.
119th Consecutive Monthly Safety Seminar**

Topic for May, 2016

“Fire onboard” What would you do?

Speaker: Dave Mahrt

GREAT TRUTHS

10. Government is the great fiction,
through which everybody
endeavors to live at the expense
of everybody else. -- **Frederic
Bastiat** , French economist(1801-1850)

11. Government's view of the
economy could be summed up
in a few short phrases: If it
moves, tax it. If it keeps
moving, regulate it. And if it
stops moving, subsidize it.
--**Ronald Reagan** (1986)

12. I don't make jokes. I just watch
the government and report the
facts. -- **Will Rogers**

13. If you think health care is
expensive now, wait until you
see what it costs when it's free!
-- **P. J. O'Rourke**

14. In general, the art of government
consists of taking as much
money as possible from one
party of the citizens to give to
the other. --**Voltaire** (1764)

15. Just because you do not take an
interest in politics doesn't mean
politics won't take an interest
in you! -- **Pericles** (430 B.C.)

16. No man's life, liberty, or
property is safe while the
legislature is in session.
-- **Mark Twain** (1866)