



# The Bend High Desert Flyer of Chapter 1345

WEBSITE: <http://1345.eaachapter.org/>

KBDN AWOS 134.425

October 2015, VOL14, #10

## PREZ SEZ:

It's sad to have lost one of our members. Bud Candland was known to all of us as the ever optimistic, always looking to improve things kind of guy! Born January 8<sup>th</sup> 1923, he was 92 years young.

Harold "Bud" Candland was very much involved in the building of the chapter's RV-12. When he thought he could build the proverbial "better mouse trap", we gave him free reign to design to his heart's content. As a chapter, his family asked if we could remember Bud with a park type bench, to be located at the Bend Airport and dedicated to "Bud". There is already one located by the Gibson "Red Hanger" that could use a makeover and we have the blessing of Bend Airport manager Gary Judd as well as Steve Gibson. Volunteers are needed for this worthy cause!

So it's October! Then it must be time for a Chili night for our monthly meeting! I'll whip up my usual meat & stuff, enough for about 8. If you're able to bring your own concoction, DO IT! Sides of corn bread, salads or anything else you want to share are always welcome. Can you say pie!

If I can get it together (meaning I'll need a lap top and a projector) I have a vintage DVD of a talk given by Central Oregon's own "Rex T Barber"! Some may know that Rex (who lived in Madras) is credited with shooting down Admiral Yamamoto, during an incredible and daring mission, specifically targeting Yamamoto, during WWII!

Also, if Sonja Englert has her new motor glider all put back together, she offered to give us a show & tell of her, self designed and built motor glider! If so, come early due to the getting dark early thing.

This month's meeting is again being held at the Robertson, Builder Assist Hanger, on Wednesday, October 14<sup>th</sup>, starting with the "Young Eagle" portion @ 5 o'clock and the dinner portion starting at 6. We will have the sign out front to help direct you and you can call me @ 541-306-1500 for directions. I'll see you there!

*Thomas Phy, President*

## Treasurer's Report

Financial: For period 01/1/15 to 9/30/15

TOTAL INCOME	\$964.50
TOTAL EXPENSE	\$35.52
NET INCOME (loss)	\$928.98
<b>TOTAL CASH IN BANK</b>	<b>\$2151.66</b>

Includes \$390 IRS refund for 501C(7) to 501C(3) filing

*Jack Watson, Treasurer*

## September Meeting Minutes

Minutes of a regular meeting of The Chapter held on September 9, 2015, at the Robertson Hangar at the Bend Municipal Airport.

### ATTENDEES

There were some eighteen in attendance including: Tom Phy, Jack Watson, Dale Anderson, Mike Robertson, Ed Frederickson, John Moeckel, Henry Graham, Jeff Thompson, Chris Tilton, Mike Pederson, Lisa & Jason Bell, Norbert & Bert Volny, Joel Timmerman, Devan Simpkins and Jeremy Brown.

## Meeting Minutes

The meeting was called to order at 6:15 pm by President Phy who introduced Jeremy Brown, the chapter scholarship winner from our chapter for the Hayward Air Rally Award, which included an all expense trip to Oshkosh, WI. As Jeremy had a prior engagement and had to leave early, he was given this opportunity to give us some of the highlights of his trip.

### INTRODUCTIONS

There followed a round of self- introductions of those present along with a synopsis of what got them started in aviation, which concluded at 7:35 pm.

### ANNOUNCEMENTS

President Phy then made several announcements concerning a new Young Eagles Brochure, forthcoming activities at the WAAAM Museum on 9/12/15, the upcoming Reno Air Races and the Air Show of The Cascades which will be held at the Madras Airport on August 29<sup>th</sup> and 30<sup>th</sup>, where we will again have booth space this year and need volunteers to help out. He concluded his remarks with a presentation on the "Quiet Bird Man" group which will be having a meeting at the Bend Airport Café at 6:00 pm on September 15<sup>th</sup>.

### PRESENTATION

Mike Robertson then showed the group an example of the sound deadening material that had been incorporated into the construction of our RV-12 Project which was most impressive in its ability to reduce the noise transmitted within the hull of an aircraft.

### ADJOURNMENT

With no further new announcements, the meeting adjourned at 8:30pm.

*Jack Watson, Secretary/Treasurer*

***You have to make up your mind about growing up and becoming a pilot. You can't do both.***

In Memory of

## Harold "Bud" Dell Candland

January 8, 1923 – September 7, 2015



*I was privileged to attend the celebration of Bud's life last month and learned what a full life he had. Although Bud never had an aviation pilot license, he was a pilot – of a landing craft at Iwo Jima, where he witnessed the raising of both flags; the original and then the one staged for the photo we all know so well. Bud served in the US Navy for all of WW2; the celebration ended with a Navy honor guard playing Taps and presenting the flag.*

*Mike Bond*

## Morphing wing

NASA successfully completed flight tests of the FlexFoil wing using morphing wing technology. Flap angles were adjusted from -2 degrees up to 30 degrees during the six months of testing.

NASA, the Air Force Research Laboratory, and FlexSys Inc., have logged 22 flights over California demonstrating that flaps designed to warp and bend without hinges, thus eliminating gaps, are a significant improvement over conventional flaps on a Gulfstream III. Ironically, the Wright Brothers used the same basic approach to steer their own early aircraft, though wing warping eventually gave way to hinged control surfaces. In recent years, several companies and research agencies have been working to bring wing morphing back, noting potential for significant gains in efficiency and noise reduction.



## Other Oshkosh activities



## Airbus E-Fan by Amy Laboda



There are a lot of interesting aircraft displayed during the Paris Air Show every two years, but only one LSA caught my eye in 2015: the demonstration of the Airbus E-Fan.

What do you hear? Almost nothing behind the narration; not because they have manipulated the soundtrack. The E-Fan is practically silent. Its two 43 hp ducted fan motors barely hum as they push its all-composite airframe through its high speed and low speed passes at Le Bourget just a couple weeks ago.

The two-seat technology demonstrator proves that electric flight can solve some of Europe's pressing issues with flight training, and perhaps one day, with commercial flight. The aircraft noise is non-existent, as is its emissions. It is phenomenally efficient, and once equipped with swappable power-pack solutions, it will meet its mission: becoming a viable alternative to expensive-to-run, aging training aircraft.

The E-Fan Connected Cockpit brings together advances in glass cockpit instrument technology with new iconology that makes it easier for pilots to interpret the information displayed. The power management, for example, pre-calculates the effect of flight conditions such as altitude, airspeed and terrain profile. The status of available electrical energy is displayed on a removable computer tablet, along with the e-aircraft's planned flight path, as well as for alternates in the event of in-flight re-routing.

The removable tablet is another key innovation. It serves as the navigation and training display, providing information that supplements the aircraft's fixed left-hand Primary Flight Display. Pilots can pre-plan the flight away from the aircraft and simply insert the tablet into its place on the panel to upload and interface the flight plan. And after the flight? The computer tablet serves as a highly interactive training device in the classroom, enabling review of the flight in detail. Energy management, flight times and maintenance details can also be reviewed, allowing for easy digital logging of all relevant aircraft conditions. Conceivably, with wifi, the tablet can simply upload all data to the company server as soon as it regains connectivity, on the ramp or in the hangar.

*Would You Like to Be a Pilot? Have You Dreamed of Flying an Airplane?*



EAA Chapter 1345 High Desert Flyers

# Young Eagles Flights



**What:** Kids ages 8-17 fly for free to learn about being a pilot. You can learn more at this link:

<http://www.1345.eaachapter.org/youneagles.htm>

**When:** Saturday, June 13 from 8am to noon, weather pending

**Where:** Bend Municipal Airport, Gibson Air Service (Red Hangar)

**What to bring:** a parent or guardian to register/sign registration form



**Contact:** Dale Anderson at 607-591-1714 or [daleanderson779@gmail.com](mailto:daleanderson779@gmail.com)

**2015 CHAPTER BOARD:**

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