



# The Bend High Desert Flyer of Chapter 1345

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

KBDN AWOS 134.425

JUNE 2012, VOL11, #6

## **PREZ SEZ:**

Well folks, If you missed the last meeting, then you probably missed out on our first fly-out of the season. Some of us hitched a ride while others were willing to share their rides. I was in the borrowers camp and found a seat with our newsletter ed. Mike and his wife Ann, both pilots who shared legs as PIC. Thanks for the ride guys! Jack has a recount of the event for us in this issue. **Our next meeting is Wed, June 13th @ Pro Air's conference room, above their maintenance hanger. Pizza @ 6 with meeting at 6:30. Henry hopes to have a trike or 2 to do a show and tell. Should be a good meeting.**

April's Sport Aviation mag. has an article titled "Dream. Build. Fly." (pg 106) I would like to amend that just a little and call it "Have FUN Dreaming, while having FUN Building and even more FUN Flying"! (OK so I changed it more then a little) Guys and Gals. We all came into this crazy idea of flying and building because of a dream. We've all had it and so here we are! Most all of us are also crazy enough about flying to go out and actually build ourselves an airplane! And then we are also crazy enough to go fly the thing and when the time comes take passengers with us (build, fly)!

We as a chapter have in the past, worked on building a biplane with Dennis Douglas, the founder of our chapter. While that project is still out there, we as a chapter lost our drive and the enthusiasm to follow through and finish that "dream". So what about now and our future "dreams". Do we want to grow our chapter? Do we want a home to call our own? Do we want to build a project(s)? Well our fly out was a good start and allot of fun. There are more planned. We have a couple ideas that are doable on a scale that we as a chapter can handle (build on). One is to install another "Compass Rose" in a more usable location. When we first painted the current compass rose, we knew it was a temporary solution as the airport was going to expand.

I have used it on a few occasions to swing compasses and now it's time for a more permanent setting. So with the airport managers blessing (and the city) hopefully we can accomplish that task soon. We need somebody to take that on.

A newer member Charles Brown, is living his dream and working to revitalize Christmas Valley Airport. Charles has invited one and all to a fly-in lunch at a local restaurant, Saturday June 16th. Anyone up for flying to Christmas Valley (Dreaming, flying & eating)? More details at our next meeting and it would make for another good fly out and help give support one of our own with his dream.

Who wants to go to an airshow? We have a few local ones to chose from, Madras, Hillsboro, Arlington, and a not so local OSHKOSH (OK, Air Venture). Our own Devan Simpkins is going to "Young Eagles Air Camp" at Oshkosh, thanks to the Hayward Air Rally. He leaves the day after he turns 14 (June 24th) Also the Hayward Air Rally (June 8-10) will take place before our June 13th meeting, and we need volunteers as "Ramp Rats" on June 8th. If you are available, (We need 2-3 more "Ramp Rats") be at the safety meeting at the airport restaurant @ 11 o'clock Please RSVP to me @ maxfly55@gmail.com. They also need "drivers" to shuttle pilots (3-5 o'clock) and their gear to the hotel. They keep asking so I'd like to make a "Bend Team" for the Air Rally for next year. Who wants to get in on the "FUN" with me?

So lots of opportunities to help out, get involved and have some fun!

On a more somber note, 617's Bob Wolverton's wife, Joanne passed on recently after a long illness. A memorial service was to be held on June 2nd. Our condolences to Bob and his family.

*Tom Phy, President*

## ***May Meeting Minutes***

**Minutes of regular The Chapter meeting, held at the new meeting place on the second floor of the Pro Air maintenance facility at 63138 Powell Butte Hwy., Bend Municipal Airport**

### **ATTENDEES**

Those in attendance were, Tom Phy, Jack Watson, Mike Bond, Bruce Myers, Bud Candland, Michael Pederson, Devin Simpkins, Erik Simpkins and Charles Brown.

### **CALL TO ORDER**

President Thomas Phy called the meeting to order at 6:30 p.m.

### **APPROVAL OF MINUTES & TREASURER'S REPORT**

Minutes from the previous meeting were approved as published in the May Newsletter and the April Treasurers Report was accepted as published in the same newsletter.

### **COMMITTEE REPORTS**

None

### **OLD BUSINESS**

None

### **NEW BUSINESS**

President Phy continued the discussion from the April meeting concerning what the membership would like to see in the way of programs for our meetings and several ideas were discussed, including painting a new compass rose at Bend, as well as attendance at Arlington and Oshkosh. To start the ball rolling it was decided to try a one day fly-in to the Western Aviation and Automobile (WAAAM) Museum at the Hood River Airport.

Accordingly, the date of Saturday, May 19, 2012 was established for our first fly-in (fly-out?) and those participating would meet at the Pro Air facility at the Bend Airport at 9:00 am to begin the adventure.

Charles Brown gave those present a rundown on the current operation at the Christmas Valley Airport as well as plans for the future and encouraged those in attendance to drop by for a visit.

### **ADJOURNMENT**

The meeting adjourned at 7:55 p.m.

***Jack Watson, Secretary/Treasurer***

## ***Treasurer's Report***

Financial for period 1/1/12 through 5/31/12

Total Income:	\$727.00
Total Expense:	\$730.00
Net Income (Loss)	\$-3.00
Cash Balance:	\$2,079.55

***Jack Watson, Treasurer***

## ***Wind Tunnel Testing Boeing's New Space Capsule***



Despite the recent success of the Dragon capsule's unmanned docking with the ISS, the race to replace the space shuttle continues.

Boeing is one of several companies chosen by NASA for the commercial crew development program. The company has completed wind tunnel testing on a model of its CST-100 crew transportation vehicle at the NASA Ames Research Center in California.

The 12 inch diameter aluminum model is about 1/14 scale and is heavily instrumented to provide detailed data for engineers during the high speed wind tunnel testing.

The full-size CST-100 capsule, with room for up to seven astronauts, is planned to be launched atop an Atlas V rocket beginning in 2015.

## ***Tools Defined***

**DRILL PRESS:** A tall upright machine useful for suddenly snatching flat metal bar stock out of your hands so that it smacks you in the chest and flings your beer across the room, denting the freshly-painted project which you had carefully set in the corner where nothing could get to it.

**WIRE WHEEL:** Cleans paint off bolts and then throws them somewhere under the workbench with the speed of light. Also removes fingerprints and hard-earned calluses from fingers in about the time it takes you to say, 'Oh sh--!'

**SKIL SAW:** A portable cutting tool used to make studs too short.

**PLIERS:** Used to round off bolt heads. Sometimes used in the creation of blood-blisters.

**BELT SANDER:** An electric sanding tool commonly used to convert minor touch-up jobs into major refinishing jobs.

**HACKSAW:** One of a family of cutting tools built on the Ouija board principle... It transforms human energy into a crooked, unpredictable motion, and the more you attempt to influence its course, the more dismal your future becomes.

**WISE-GRIPS:** Generally used after pliers to completely round off bolt heads. If nothing else is available, they can also be used to transfer intense welding heat to the palm of your hand.

**OXYACETYLENE TORCH:** Used almost entirely for lighting various flammable objects in your shop on fire. Also handy for igniting the grease inside the wheel hub out of which you want to remove a bearing race.

**TABLE SAW:** A large stationary power tool commonly used to launch wood projectiles for testing wall integrity.

**HYDRAULIC FLOOR JACK:** Used for lowering an automobile to the ground after you have installed your new brake shoes, trapping the jack handle firmly under the bumper.

**BAND SAW:** A large stationary power saw primarily used by most shops to cut good aluminum sheet into smaller pieces that more easily fit into the trash can after you cut on the inside of the line instead of the outside edge.

**TWO-TON ENGINE HOIST:** A tool for testing the maximum tensile strength of everything you forgot to disconnect.

**PHILLIPS SCREWDRIVER:** Normally used to stab the vacuum seals under lids or for opening old-style paper-and-tin oil cans and splashing oil on your shirt; but can also be used, as the name implies, to strip out Phillips screw heads.

**STRAIGHT SCREWDRIVER:** A tool for opening paint cans. Sometimes used to convert common slotted screws into non-removable screws and butchering your palms.

**PRY BAR:** A tool used to crumple the metal surrounding that clip or bracket you needed to remove in order to replace a 50 cent part.

**HOSE CUTTER:** A tool used to make hoses too short.

**HAMMER:** Originally employed as a weapon of war, the hammer nowadays is used as a kind of divining rod to locate the most expensive parts adjacent the object we are trying to hit.

**UTILITY KNIFE:** Used to open and slice through the contents of cardboard cartons delivered to your front door; works particularly well on contents such as seats, vinyl records, liquids in plastic bottles, collector magazines, refund checks, and rubber or plastic parts. Especially useful for slicing work clothes, but only while in use.

**SON-OF-A-B&\*&H TOOL:** (A personal favorite!) Any handy tool that you grab and throw across the garage while yelling 'Son of a B&\*&H! ' at the top of your lungs. It is also, most often, the next tool that you will need.

Hope you found this informative

***Thanks Tom ... ED***

*... and another Boeing milestone*



*... the last B-17G*

Early Saturday morning on September 18, 2010, at Boeing's historic Plant II - about to be torn down after three quarters of a century producing thousands of the most significant and historic airplanes ever built - in preparation for demolition, three airplanes have to be moved. They have been undergoing Museum of Flight restoration in the factory's assembly bays.

Just as in days past, with lights and images reflecting off the wet pavement, the last three airplanes are rolled out. The giant hangar doors are raised, the tugs and towbars are hooked up and, with lights flashing, they are moved out of the factory and onto the historic ramp ... where so many have gone before .... across East Marginal Way and out onto Boeing Field

First out isn't even a Boeing airplane - it's a Lockheed Super G Constellation, that flew for Trans-Canada Air Lines, destined for the Air Park, next to Air Force One. Next is the B-17 and finally a B-29 ... the last three airplanes to travel that path ... ever.

– *courtesy of EAA Chapter 124* –



**WAAAM fly-out May 19<sup>th</sup>**

Members of Chapter 1345 and the local OPA chapter met at the Bend FBO to join for a fly-out to WAAAM at Hood River (4S2) ... for a change, the weather cooperated and we had smooth, cloudless conditions both there and back.

We had a total of 5 airplanes which proceeded in a loose (very loose) formation and surprisingly arrived in the Hood River pattern well-spaced for landing on Runway 25 with light winds:



With some imagination and increased magnification, four of the contingent can be seen parked just left of center in the above photo (courtesy of Ed Endsley of OPA). The Museum hangars are the white buildings at the far right.



The first order of business was lunch (or was it breakfast?) at the very small cafe off the far right end of runway 25. *Great sandwich value!*

From there it just was a short walk to WAAAM, the Western Antique Aeroplane & Automobile Museum, which would require a whole separate newsletter to do it justice! As we left to return to Bend the three WW2-era Taylorcraft based at WAAAM also took-off for a "missing man" formation to honor a US WW2 serviceman whose remains were recently found in Belgium:



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**2012 CHAPTER BOARD:**

President Tom Phy 541-306-1500  
[maxfly55@gmail.com](mailto:maxfly55@gmail.com)

Vice-president Henry Graham 541-383-0096  
[grahamhenry44@yahoo.com](mailto:grahamhenry44@yahoo.com)

Secretary Jack Watson 541-408-5614  
[jswatson30@cs.com](mailto:jswatson30@cs.com)

Treasurer: Jack Watson 541-408-5614  
[jswatson30@cs.com](mailto:jswatson30@cs.com)

Young Eagles Bud Candland 541-389-1798  
Coordinator [centorbud@msn.com](mailto:centorbud@msn.com)

Newsletter Ed. Mike Bond 541-317-8443  
[mvbond@q.com](mailto:mvbond@q.com)