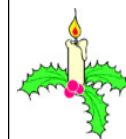




EAA 105

PORTLAND  OREGON

November 2010



Chapter 105's Traditional
Holiday Party will be at
Bob and Mary Duncan's home starting at 5:00 PM
on Dec 18th — Mark your calendars. The address is:
3340 NE 14th Ave, Hillsboro. See you there!

Prop Wash

- Dress: aviation casual
- Food: BBQ ribs, baked beans and more
- B.Y.O.B or favorite beverage

Team RV-12, the chapter build-project going together in our Twin Oaks hanger G-3, would like to add another partner to make a 5-way split in the ownership of their RV-12 project. Check the latest progress and contact them on their chapter forum area — www.eaa105.org/Forums



Bogardus Little Gee Bee Restoration Project

Norm Durrell has produced a DVD history of the Chapter's restoration of the Bogardus Little Gee Bee, now on display at the NASM Udvar-Hazy Center at Dulles Int'l Airport. If you'd like a copy for your library, contact Norm: durrelln@verizon.net \$10-

EAA Chapter 105 — To anyone interested in Building and Owning a Carbon Cub Experimental

I am willing to go in partners with a group of interested people that would like to build and own a Light Sport Experimental aircraft. We may start a build center for this aircraft if there is interest. I'm a dealer for Cubcrafters, and would be very willing to help anyone that would like to own or be part owner in a Cubcrafters Aircraft.

I am proposing on the first aircraft to be a 1/4 to 1/8 partner. The aircraft would be built by the owners of the aircraft here @ Twin Oaks and we could oversee assembly, some, all, or no work on the aircraft.

If you have any questions feel free to contact me.

Robert C Stark — bob@twinoaksairpark.com

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Breakfast KP Duty

Saturday, November 6th, 2010

7:00 AM — 9:00 AM	9:00 AM — Cleanup
Roy Thoma on Grits	Joe Marin
Sandy Bes	Grace Amos
Bill Inman	Dan Miller
Greg Long	Robert Norton
Tom Louris	Jan Novak
Dave Lowry	Dan Parks
Ed Mason	Mark McRiley
Marsha Mason	Dave Paradis
Jim Mitchell	Jeremiah Hughes
Ron Poe	Bruce Swayze
Tom Sampson	Kevin Swift
Martha Sampson	
Joe Miller — Cashier	

Saturday, December 4th, 2010

7:00 AM — 9:00 AM	9:00 AM — Cleanup
John Jessen	Ken Lee
Ed Lynn	Ted Millar
Mindy Lynn	Dave Mercer
Tim Prosser	Vince Nartker
Johnny Pruett	Jan Novak
Rob Reese	John Polos
Randy Reinhofer	Mike Rhodes
Ken Rentmeester	Charles Rice
Steve Rosenstock	John Riser
Daryl Sahnaw	Leejay Robles
Dave Salesky	Bruce Rose
Jon Crew — Cashier	

Note to Volunteers who cannot serve: Please arrange replacements for yourselves, or contact Len Kauffman. lakauf@comcast.net or 503-885-1920

Next Meetings

- **Nov 11th** Thursday —
TwinOaks Breakfast Hangar —
Elections, Potluck and Pie Auction
- **Nov 18th** Thursday — Board Meeting at Twin
Oaks, Hangar G-1
- **Nov 20th** Newsletter Deadline — NL article con-
tributions and ads are welcome at anytime, but may
be held up if received after the deadline.



On the Cover

Left: Jack Elvin's Rotorway Exec 162 N102LD; Right: Bret Biggs' Rotorway Exec 90 N8013X visit the September Pancake Breakfast at Twin Oaks.

Meeting Coordinator:

Dunstan Fandel

dunstan.fandel@sun.com

503-614-9737 (H)



Program: Annual Pie Auction + Potluck Dinner + Annual Elections

Location: Breakfast Hangar at Twin Oaks, 12405 SW River Rd, Hillsboro

Date: Nov 11th, 2010

Time: 5:00 PM Setup / 6:00 PM Dining

Potluck Dinner

First, take note. This year we are including a potluck dinner in addition to the much anticipated Chapter 105 Pie Auction. As of this writing, the theme of the potluck has not been set. Best to contact Bob Duncan and find out what you can bring. Also, we need volunteers to help set up for both the dinner and the Pie Auction. Again, contact Bob to let him know you'll be there to help. Those who are helping, plan to be at the "breakfast" hanger around 5:00 PM. I'm sure you'll get rewarded for your efforts. Maybe a cookie or something. Those who are bringing dishes, eating, and bidding on pies, the festivities begin at 6:00 PM. Probably a good idea to get there a tad earlier.



Meeting Planning

Dunstan Fandel handles the meeting/project scheduling. If you have a project you'd like to share with the chapter, he'd would appreciate hearing from you. dunstan.fandel@oracle.com or 503-614-9737 (h).

Chapter Elections

Besides the potluck dinner, and pie auction, it's also election night. If you want to be on the board, show up and let Ron Singh know of your interest. A couple of board positions are open and need to be filled.

By the way, this is a great board. I've been on many volunteer organization boards, and this one actually functions, gets things done, is civil, and generally just has a good time helping the organization succeed. So, if you have yet to think about serving, please do think about it. New faces and ideas and opinions are very much welcome. Actually, very much encouraged....

Pie Auction

If you've never been before, then listen up. It's simple. You got your pumpkin, your apple, your minced meat. You even got your wild berry tart, your peanut butter cookies, your fudge brownies, and other recipes that support the sugar beet industry. I understand there will also be pecan. I said PECAN PIE. My favorite, and because of this, the bidding will be rough on the pecan. I warn everyone now, I'm going home with pecan pie. Might as well not even bid.

Driving Directions

From Washington Square, go west on Scholls Ferry Rd. When Scholls turns south, continue west on River Rd. Twin Oaks is on the left, after about another mile. If you see the alpaca ranch, you've gone too far. From Hillsboro, go south on River Rd. About a mile after crossing Farmington at the four-way stop, Twin Oaks will be on your right, just after the alpaca ranch.

Future Meetings

Nov — Pie Auction @ 753

Dec — Holiday Party; Bob and Mary Duncan hosting

Plane Pool!

Members who plan to fly to the meeting are encouraged to take this opportunity to share any empty

seats with still-building types.

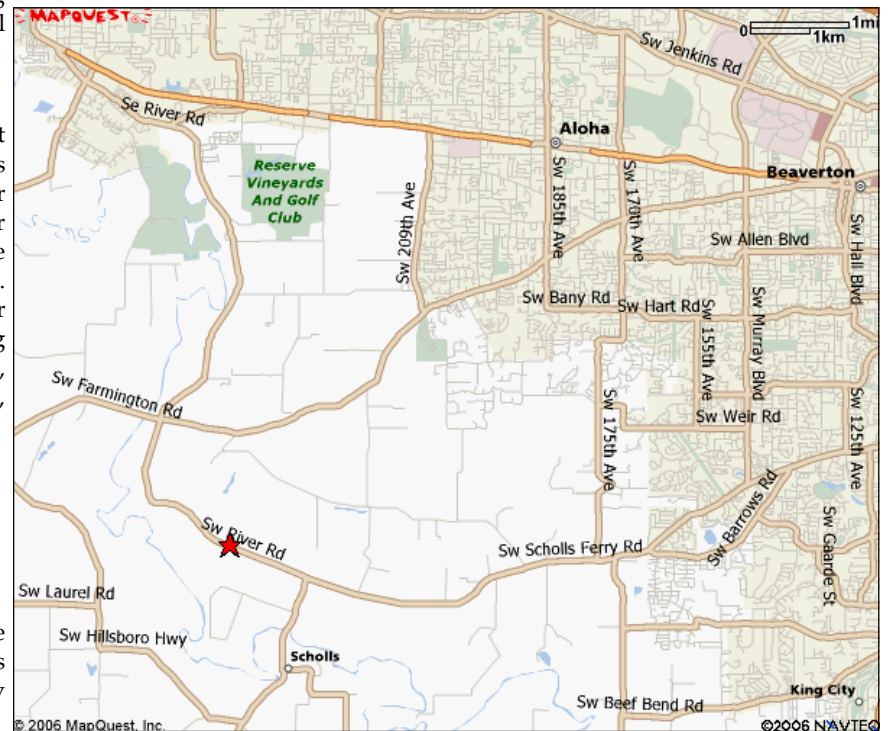
About the meetings...

Meetings are the second Thursday of the month, starting at 7:00 PM, unless otherwise specified (here or on the website), and are typically at the site of someone's experimental aircraft project or hangar.

The structure of the meetings is pretty loose. The first 30 minutes or so is generally spent socializing, eating chips and dip, and checking out the project. Then we get down to "business", with introductions of new members and guests, milestones, discussions of group issues, open items, and the host project. After that, it's back to BSing late into the evening.

Be sure to bring any tools, parts, etc. that you wish to sell, loan, give away, etc. And while you're there, throw a buck or two into the kitty, to help out the host for costs of purchasing the refreshments.

All are welcome, building or not, group member or not. Spouses too!



Trevor Lacy Demonstrates Fabric Aircraft Covering with Poly-Fiber

Benton Holzwarth

Our chapter 105 members gathered for our October meeting at the chapter's hangar G-1 at Twin Oaks Airpark.

After the regular business, Ron Sterba took a few minutes to talk about a new product he purchased and thought enough of to show to us, a GPS mapping gizmo with some useful features and attractive price. The compact touch-screen unit is priced at \$499, and all sectional, plates, AFD data and TFRs are available for \$69/yr and another \$20/yr gets you all of the IFR Low Enroute charts. The unit is produced by a small company in Allen, Texas. See the 'iFly 700' at www.iFlyGPS.com. See also www.adventurepilot.com.



Ron Sterba demonstrates features on his new 'iFly 700' GPS.

Bruce noted his latest tool picks -- \$20 each for a set of wrenches including a set of stubbies, a set of drill bits, or a Li-battery powered screwdriver, each available at Costco.

The next upcoming events will be our regular second Thursday meeting in November -- this time our chapter elections, potluck and traditional pie auction and for

December our holiday party will be at Bob Duncan's Hillsboro home, on Dec 18th.

The quick recap on our Poker Run was that weather kept many people from making the full circuit. Len and Sheri were the only ones to complete all the stops as scheduled. (No one is ever required to hit all stops, missing cards are covered at the last stop at Twin Oaks.)

Laird Smith covered the evening's Safety Brief. His presentation included some web video of the well-publicised Stearman flipping over upon landing at Washington Nat'l airport in Washington, DC. (Searching on YouTube for 'Stearman Flip' will quickly find the footage.)

The upshot of Laird's talk was that the flip was attributed to a passenger in the Stearman pushing himself up in his seat for a better camera angle while filming, and inadvertently standing on the brakes. The lesson was to always make sure your passengers are briefed on where various controls are mounted and which they must absolutely keep their hands/feet off of, unless specifically directed. It was noted some organizations specifically require cameras to be on neck straps to keep them from being set down and jamming controls. Water bottles are similarly banned.

The evening's presenter was Trevor Lacy, introduced to us by member James Bagley. Trevor was a senior fabricator at American Blimp on Hillsboro Airport. Earlier on, he'd been performing general fabrication and assembly, and the fabric covering was farmed out. At some point he said to the managers, "I could do that" and they gave him the chance

to expand his responsibilities. (An aside, they initially declined to have him take any classes, just self-teach. Later when he did get to take a class, required as part of the company's certification, he was able share a lot of tricks and techniques with the trainers due to his greater experience especially in a production environment.)

His preference is Poly-Fiber, a vinyl system. Poly-Fiber has three different fabric weights available, a light fabric for use only on non-certified planes, and medium or heavy. Polyester fabric shrinks according to the iron temperature, as much as 10-15% at the highest heat allowed (350-deg) before the fabric breaks down and loses strength at 400-deg. Shrinking to a given temperature takes the fabric up to a certain level of shrink. Additional ironing at that temp does no further shrinking unless you find an area that wasn't adequately covered at the given temp before. Poly-Fiber's tapes come pre-shrunk to 250 degrees so they can be cemented to 250-degree-shrunk fabric without then shrinking and pulling puckers into the fabric.

Bias-tape, with the strips laid out 45-deg to the fabric threads shifts more easily and so is particularly good for wrapping around curved areas like wing bows and rudders.



Trevor Lacy explains the covering sequence when using the Poly-Fiber process.

A caution note: do NOT use the MEK based products over rattle-can primers, the solvent will lift the primer off the metal.

Trevor then explained the order for fabric, tape and stitching over a rib, with fabric, reinforcement tape, lacing and tape over the top. Trevor's technique is to pencil in guide marks for where a tape will lay down, then apply fresh cement to just beyond the marks, lay a strip of tape and apply more cement over that. The cement under and over minimizes dry spots.

The volatile solvents in the cements and Poly-Brush continue to evaporate for several days, so Trevor waits a full week before applying urethane color topcoats that will seal the fabric.



For a flat finish, use Poly-Tone color coat and/or apply the color sooner than a week after the Poly-Brush, depending on shop temperature. Aerothane resists fuel but is not as flexible as Poly-Tone.

For UV protection, the Poly-Spray is loaded with aluminum. The test for proper coat build-up is to put a 60 W lamp behind the layer of fabric in a dark shop and verify

you can't see any light through the fabric.

For field repairs you'll need to remove the top-coat with MEK, before cementing the patch into place. The amount of overlap required depends on the severity of the injury.

Trevor shared a lot of information very quickly, and answered questions until everyone was satisfied they understood the process. Thanks Trevor and James for the evening tutorial.



Trevor further explained the process with his demonstration aids including a quick rib-stitching demo.

Stop the Presses

Outside coverage of EAA Chapter 105 members and activities



Our own **Steve Mahoney** has an article, starting on pg 24, of the December issue of *Kitplanes* detailing his exploits with forming some plexi for side windows on his BD-4.

New Members and Members in New Places

New member **Mel Huffman** writes: I am a retired Marine Corps Master Sergeant. During my 20 years in the Corps I earned my Private Pilots license while stationed in Hawaii and several years later added on the Instrument ticket, Commercial Pilots License, Multi-engine ticket, Commercial Helicopter and Glider, followed up with a CFI in Airplanes & Gliders. Additionally I have a Ground Instructors ticket. In the mid-eighties I started building a Glasair Tail-dragger, but, due to orders to Okinawa I sold the kit just prior to hanging an engine on it.

Upon returning from Okinawa most of my time was spent teaching gliders in the Mojave desert. Upon retirement from the Corps in 1992, my civilian career took priority and flying was very "miss" more than hit. Now that I am "early retired" my wife Janell has lovingly agreed with my wish to get back into aviation and we are planning on starting an RV-9A kit in the very near future.



Flying Restrictions Near Sporting Events

Bruce Rose

Commencing one hour before the scheduled time of the event until one hour after the end of the event, all aircraft and parachute operations are prohibited within a 3 nautical mile radius up to and including 3,000 feet AGL of any stadium having a seating capacity of 30,000 or more people where either a regular or post season Major League Baseball, National Football League, or NCAA division one football game is occurring. This NOTAM also applies to NASCAR Sprint Cup, Indy car, and Champ series races, excluding qualifying and pre-race events.

The Federal Aviation Administration (FAA) classifies the airspace defined in this NOTAM as "National Defense Airspace." Any person who knowingly or willfully violates the rules concerning operations in this airspace may be subject to certain criminal penalties under 49 USC 46307. Pilots who do not adhere to these procedures may be intercepted, detained, and interviewed by law enforcement and/or security personnel.

The above information is a summary of FDC NOTAM 9/5151, a SPECIAL NOTICE about flying over or around sporting events. The complete NOTAM is located in Part 1, Section 3, "FDC General NOTAMs," contained in the Notices to Airmen publication at http://www.faa.gov/air_traffic/publications/notices/.



Bryan Chilson sent over a couple photos of the Beaver that lives at Twin Oaks. Several of us saw it moving under its own power for the first time at the September pancake breakfast.

FAA Safety Team — Safer Skies Through Education

Hillsboro Airport (HIO) Taxiway Marking Change Notice Number: NOTC2616

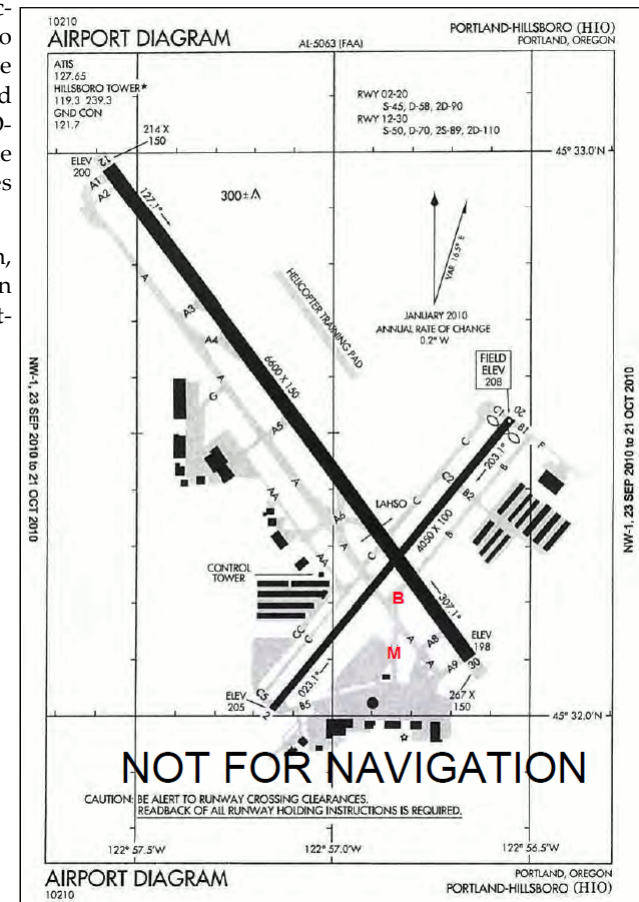
On Friday, October 8, 2010, the Portland - Hillsboro Airport (HIO) changed the designation of the section of Taxiway "A7" between Runway 12/30 and Taxiway "A" to Taxiway "B". In addition, the designation of the section of Taxiway "A7" between Taxiway "A" and the Terminal apron has been changed to Taxiway "M". There is no longer a Taxiway "A7" at HIO. Taxiways A8 and A9 will remain as they are and have not been renumbered. See the HIO graphic link.

The Airport Diagram in the FAA U.S. Terminal Procedures Publication and in the Airport/Facility Directory will be updated to reflect these changes. Pilots should refer to the HIO NOTAMS to obtain the latest airport advisories and condition reports.

For more information, please contact: Nathan Grimes, Port of Portland

(503) 693-1963

nathan.grimes
@portofportland.com



Board Meeting Highlights

EAA Chapter 105

Board Meeting

21 Oct 10

Present this evening, Bruce Rose, Ron Poe, Ron Singh, Michelle Smith, Roy Thoma, Jerry VanGrunsven, Dick VanGrunsven, John Jessen, Len Kauffman, Rion Bourgeois, Bob Duncan and Benton Holzwarth.

Ron worked through the open action items:

- Picnic benches: Bob Duncan volunteered to coordinate. Our discussions with Bob Stark suggested he'd buy materials for four sets if we'd provide the construction team, and we'd split the proceeds.

Earlier discussion had included making them from TREX lumber, but everyone seems to have concluded that that isn't be a good idea from a structural standpoint.

First discussion point was the desirability of building ours from cedar and if so, were we prepared to cover the cost of the upgrade. A quick vote confirmed we are agreed to cover the cost difference for cedar.

- Meeting Coordinator: Dunstan has announced he'll be stepping down as meeting coordinator.

- Poker Run: Michelle has a check to send to Jenny for the dinner proceeds of \$585. Jenny has settled with the caterer for \$641. The chapter will contribute \$56 to make up the guarantee. 41 people attended the dinner.

A Cherokee will appear on next year's shirt. (Rion jokes, "If you're flying an experimental, 2s and 3s are wild!") Jenny has more event shirts to deal with.

Weather was a problem for several people, especially getting over to the coast. Some were uncomfortable with the initial point at Deitz Airpark, but we tried to make it clear that it wasn't a required stop, the players were welcome to collect an extra card at Twin Oaks at the end of the circuit to make up for it.

There was a suggestion to work on more advertising next year, especially the gratis outlets like the AOPA and

EAA Nat'l calendars and talking to the other chapters in the area.

- Upcoming events:

- Nov Elections and Pie Auction Meeting will be held at the main 'Breakfast' hangar. We'll need some help getting things set up. This time, we're planning a potluck dinner to go with the pie auction. Bob Duncan will organize (take reservations for) courses. Plan on setup at 5:00, dinner at 6:00 and the meeting (elections and pie auction) to start at 7:00.

- The Holiday party (Dec meeting) will be at Bob and Mary (?) Duncan's home in Hillsboro. Money for food, consistent with the budgets of recent years was approved at the Sept board meeting.

Ron, Benton and Bob will collaborate on a message that Ron will send out as an email reminder of the event planning following this October meeting. Around Dec 1, Ron will send out another email blast with further information and planning details.

- Flight Training Scholarships: The Bogardus Trust provided \$1000 scholarships for flight training to our four most deserving Young Eagles of this season. Three, for sure, have completed their 10 hours of flight training and the fourth is close if not through the scholarship. One flew at Pearson, the other three with the Stark's at Twin Oaks. Jenny needs to invoice the Trust, c/o Rion.

The Bogardus Trust has previously sponsored CAP cadets to glider training and other CAP activities, but in recent years some of the scholarships have gone unclaimed.

BobD asks if a formal request from the Young Eagles lead for YE sponsorships next year would help. DickV replies, speaking for the Trust, that yes, it would, though no decisions will be made until it's clear how the Trust's investments have fared in the last year. The Trust will meet again next in January, around the time of the chapter's annual planning session.

JohnJ offers that a nice write-up of what the chapter did with the Bogardus Trust funds in '10 and what we might do next year if another grant is forthcoming would be great for the YE area of the website and newsletter. Ron will put a write-up together. Rion adds this would be

good to have for the Trust's records as well.

- There was a question asked about the chapter's member renewal schedule, do we all renew at the turn of the calendar year? Reply is that chapter membership runs for a year or years from the month dues are received, or if renewing late, the time is added to the previous expiration date. There was a suggestion to realign all memberships to a specific month, or to align with the calendar year. There was suggestion to table further discussion until the January meeting.

- EAA's B-17: Rion hasn't yet received a call from EAA regarding the 2011 B-17 tour. We, as a board, can go ahead and decide what our answer will be when/if we are offered a tour stop.

There was some uncertain word that tour reservations might already be closed. Rion says George, the tour director, usually calls him with the visit schedule. The board voted that we should apply for a visit, or if offered a tour stop we should agree to host.

Dunstan has taken the lead for organizing volunteers and many other related tasks in past years. He'll relinquish the 'promotions' task. Bruce Eicher is working with him this year.

- Ron expressed mixed feelings about continuing as chapter president. That and the other chapter duties he's picked up are soaking up too much of his time and he's burning out. He's also concerned that if he doesn't commit to some duty, he'll find the other activities in his life will pull him away from the chapter altogether. He'd like to shed some of his duties.

The 'hangar event's (movie nights, guest speakers) he and Michelle organized were very popular. Kim Vermelia (sp?) has been assisting with the YE program and has volunteered to take the lead on that, though she'd prefer to not be on the board.

JohnJ is volunteering to take over the membership database and bulk mailing tool that extracts from it.

- Chapter Nominations: Our bylaws call for a board of from 4 to 15 members. The board is to offer a slate of up to 12 names for prospective board members, including the four chapter officers plus up to 8 more. Three slots, minimum, are kept open for nominations from the floor

at the meeting. Further there is always hope that any of the officer positions might be contested. The board's slate offerings must accept the nomination before the November meeting.

With that, the board's proposed slate of officers and board members are:

- Ron Singh, President
- Bruce Rose, Vice President
- Jennifer Hickman, Treasurer
- Benton Holzwarth, Secretary
- Bob Duncan
- Dick VanGrunsven
- Jerry VanGrunsven
- John Jessen
- Len Kauffman
- Rion Bourgeois
- Ron Poe
- Roy Thoma

RoundTable:

- BruceR: Prop balancing is going well, doing one or two a month. Scale calibration can be saved as a topic for the January session

- Michelle: We had a request from a person that would prefer to remain anonymous to convey to a particular Young Eagle a gift of one hour of flight training. The first issue was whether the benefactor wished for us to appear to be the benefactor or merely the conduit. We agreed that we could assist in conveying the gift but would not be comfortable misrepresenting our position. Michelle has talked with the folks at Nat'l; they didn't see any problem. She'll check with the donor to confirm they're okay with this arrangement as well.

- DickV: The RV-12 project in G-3 is moving right along. Dick is starting to think about ideas for a future project. He expects to have more to say about at the January planning session.

Team RV-12, the Airway Science team building at Van's Aircraft, laid off for the summer but have been back at it and will likely finish up around the end of the year. They still need to figure out how to structure an organization that will allow them to fly it.

An idea to consider for a future project would be an or-

ganization that would have both adults also handling the tools rather than just acting as mentors.

- LenK: Rion will miss the Nov breakfast, Roy will fill in at the grits pot.

- RionB: Both chapter hangars are filled. If the -12 project finishes James B, currently building in G-1 will move his project to G-3.

- Bruce is now the toolmeister, having taken the over from Mike McGee. Bruce has some ideas for reorganizing the cabinets. (Thanks Mike for many years of service, covering this duty.)

- Benton will drop the appeal for shelving from the NL.

- BobD: Len has the 'Safety Brief' assignment for January. Bob is soliciting volunteers for next year. Another topic for the January planning session.

The meeting adjourned at 8:55.

I'll send in a name tag order early in the new year and it will likely be a while before the next. Drop me (Benton) an order if you'd like to join in.

Buy/Sell/Trade

Ads are free but are subject to editing. Aviation related ads are given priority. We reserve the right to refuse any ad. Submit to the Editor, Benton Holzwarth (Benton@silezbay.com) or call 503-684-2008. Please let us know when your item sells. Ads will run for four issues (last issue [mm/yy]) and may be renewed or adjusted by contacting the editor.

Attention new builders — Get a quick start on your work shop with these nearly new tools (compressor, band saw, belt/disk sander, drill press) and benches.

<https://sites.google.com/site/johnsriv10/>

Randy DeBauw — randy@abros.com or 503-780-6210 [02/11]

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- 1" x 3" custom printed nametag
- Chapter 105 logo in color
- Show your chapter colors at events and meetings
- \$7.50 for one line (Name only) — \$8.50 for Name + 2nd line (Type and/or Reg-number)
- Tags will be mailed to the member

Send to: Benton Holzwarth
9240 SW Millen Dr
Tigard, OR 97224

Name: _____

2nd Line: _____

(Please Print Clearly!)

Addr: _____

City/St/Zip: _____

For Sale — Partially completed plans built aluminum experimental aircraft (TR4?) with Volkswagen engine. \$3,500 or best offer. Call Irvin Wright at 503-648-5512 [02/11]

FOR SALE — Van's engine instruments: Oil pressure & transducer, Oil temperature & transducer, Fuel gauges x 2 (RV-9), Fuel pressure & transducer, CHT & sensor, EGT & sensor. **Flight instruments:** Electric turn coordinator, VSI 3-1/8" (Falcon), Direction gyro, Garmin 295 GPS. All in excellent order, recently removed from 2005 RV-9A during retrofit of Advanced 4500 EFIS. Kenneth Melvin, Olinger Airpark 503-693-3645 [12/10]

FOR SALE: RV-6A

Beautiful Day/Night VFR airplane. 415TTSN engine and airframe. AeroSport Power O-360-A2A 180HP, Sensenich FP Prop, electronic ignition, AOA Pro, KT76A, Garmin SL-40, Bendix-King Skyforce Color Moving Map GPS coupled to Naviad Autopilot, Rocky Mountain Instruments engine monitor and uEncoder. Professional paint. No Damage history. Hangared at Pearson Field (VUO). Asking \$68,500. Contact Dale Wotring: 360-694-3040 (wk) or dwotring@comcast.net [12/10]



For Sale—GlstarTD Lycoming O320-150 Hartsel Prop Constant Speed 130 hours total time, 130 hours on engine SMOH, Garmin electronics, Aux tank Fuel Capacity 43 gal. usable, Digitrac wing leveler, OregonAero Leather Seats, Light weight starter and alternator—\$75,000 OBO.

Also — New spinner for RV constant speed prop Part # S 601-1. Bulkhead for spinner part no. S 603 \$59.00 FOB Idaho. dlwalker4@juno.com [11/10]

RV-10 Kit for Sale - 1700 hrs const logged by Eustace Bowhay. Elevators, Fin/Rudder, Stabilizer complete. Wings, Ailerons, Flaps and Fuse ready for close-out. Lyc IO-540-N1A5, 0 hrs since OH by AeroSport. Asking Cdn-\$75,000. Call Ron Helgeson @ 250-517-9314 Salmon Arm BC or Richard Smith 250-832-8766 Salmon Arm BC [11/10]

FOR SALE: RV-4 1/2 share available, lost medical!!



Here's a chance to get into a fast little 180 mph sports car with wings!! Built in 1990 and recently "restored", nice and clean bird. O-360 180hp with

Air Flow Performance fuel injection, with just 260 hrs/690 TT airframe. Advance Systems AOA, Apollo GX 55 GPS, Light Speed ignition, King KX 155 VOR Nav/Comm, Dynon D10A EFIS, Bendix/King Transponder, strobes and new tires. Hangared at Twin Oaks. \$25,000 and will finance: Bob Duncan 503-970-3092 [11/10]

Open For Business



Stumped on your paint job for your dream project?

ARTISTIC AVIATION is unique aircraft graphic design and custom painting by John Stahr Eugene, OR. Creating dreams with builder's budgets on truly artistic aircraft. See some of your fellow aviators on our website www.ArtisticAviation.com



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Duckworks Landing Lights — Standard kits start at \$75. Round Halogen and Xenon HID lights are available for new installations and upgrades of our kits and others. For details/pricing see www.duckworksaviation.com or call 503-543-3653

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Bill Esther Engraving — Contact Bill for help with your custom engraving project. See sample work at http://www.rvproject.com/esther_engraving.html ecaps.1@juno.com or 503-851-6375

Flying Machine Restorations —

Besides painting, FMR, located at Pierce County Airport (Thun Field), offers complete structural repair including fabric recovering.

FMR has a separate soda-blasting booth available for removing paint and rust from engine and metal parts, vehicles, boats, and motorcycles. For more information, contact Gene Endsley at 206-300-1197 or g.endsley@comcast.net



Kelley's Experimental Air, Inc— Assist to Build Home-built Aircraft Center & General & LSA Maintenance Repair Facility,—Certified Rotax Service Center—Cottage Grove Airport 541-968-9328

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Brentz Enterprises — Tail Lynx — Tail steering springs made from aircraft-grade materials. Small, strong, streamlined and all Stainless steel. Now available through Van's Aircraft — www.vansaircraft.com or 503-678-6545



2009-10 Feature Article Index

This section chronicles our contributors for the previous 12 months (thank you authors and photographers!) and in the January issue provides a complete index to the previous year's articles. —Ed.

November '09

- Benton Holzwarth+Shannon Miller & Ken Howe / RV-12 in a Shoe Box
- Sandra Bes / The Village Cafe at Pacific City—Remembering Good Times and Good Friends

December '09

- Board Notification / Chapter Election Results
- Joe Blank / Vans Airforce 37 Ship Formation at OSH
- Stu McCurdy / Leading the Effort (37 Ship at OSH)
- Benton Holzwarth / T 'n T: Flagging gNATs (Needs Attending To) items

January '10

- Ron Singh / Greetings from President Ron
- Benton Holzwarth / 105's Holiday Party at Casa Hickman
- Dennis Kucera / Hank Bullock and His Auster AOP

February '10

- Dick VanGrunsven / Chapter 105 Hangar Dilemma / Challenge
- New Members—James Bagley, Jr., Jim Frisbie
- Dick VanGrunsven / TeenFlight RV-12 Status — Help Needed
- Benton Holzwarth / Stephen Rosenstock's KR-2S Project
- Saturday Night at the Movies

March '10

- Ken Howe / Hangar Event: Movies and Chili
- Roy Thoma + Leighton Mangels + Benton Holzwarth / Leighton Mangels on Fiberglass
- Sandy Bes / Living the Rock Star Life or The Beauty of Flight and Homemade Gravy in Puyallup

April '10

- Michelle Smith / Hangar Event: The World of Seaplaning with Mike Kincaid
- Bob Duncan / Chapter Fly-Out: Grants Pass + Rogue River Jet Boat Ride
- Benton Holzwarth / An Evening Spent with Oregon Aero

- Michelle Smith / Young Eagles: Season Opener
- Dick VanGrunsven / Chapter 105 Safety Briefing Program
- New Members: Dave Pardis & Richard Ebers
- Dick VanGrunsven / RV-12 Group Building Project Update

May '10

- Bob Duncan / Chapter Fly-Out: Grants Pass + Rogue River Jet Boat Ride
- Benton Holzwarth / Tom Gourley on Aircraft Wiring
- New Members: David Wallway, David Halmos and Bob Venturella

June '10

- Ron Singh / Youth Flight Training Scholarships
- New Memebrrs: Ray Alexander
- Benton Holzwarth / An Evening at Van's Aircraft
- Chapter Fly-Out: Grants Pass / Rogue River
- Another Successful Visit for EAA's B-17 'Aluminum Overcast'

July '10

- Ron Singh / George Bogardus Scholarship Awards
- Bob Duncan / Hehalem Bay State Park Fly-Out
- Bob Duncan / Grants Pass and Rogue River Fly-Out
- Benton Holzwarth / Parkside Paradise
- Benton Holzwarth / Nineteenth Annual Northwest RV Fly-In

August '10

- Benton Holzwarth / Project 404 with Art Cornelius
- Randall Henderson / Summer Flying (Seaside)
- Bob Duncan / NW-EAA 'Arlington' Fly-In Recap
- Pete Kozachik / Pete Kozachik's Successful Corvair Engine Run
- Connell Hawkins / George Bogardus Scholarship Awards
- New Member: Kevin Swift
- SEA Class-B Redesign

September '10

- Benton Holzwarth / Photos: Ted Millar's deHavilland DH-82A Tiger Moth
- Benton Holzwarth / Summertime at the Chapter Hangar
- Brent Anderson / Bogardus Trophy Winners
- Bruce Rose / Free EAA Local and National Trial Memberships

October '10

- Greg Long / 2010 Oregon Int'l Airshow EAA 105 Booth Big Success Again
- John Jessen + Bob Duncan / Bruce and Becky Breckenridge's Christavia Project
- Ron Poe / The 9th Annual EAA Chapter 105 Poker Run — in Photos
- Greg Long / Michael Combs Exemplifies Human Spirit in Nationwide LSA Flight



A Cub departs Twin Oaks. Still seems a little weird to see anyone launching to the north. Rush hour at the north run-up area.

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Membership Registration / Renewal Form EAA Chapter 105 — www.eaa105.org

Send to: Benton Holzwarth
9240 SW Millen Dr.
Tigard, OR 97224

For renewals, indicate name & **changed** information only — member info will go into the chapter roster.

Name: _____

Address: _____

City/St/Zip: _____

Home Ph: _____

Work Ph: _____

Cell Ph: _____

E-Mail: _____

Dues: \$20/yr e-delivery of newsletter
\$25/yr for mailed paper newsletter
Make checks to "EAA Chapter 105"

New Renewal
 E-delivery (\$20) Paper delivery (\$25)

Renewing multiple years: ___ yrs, ___ \$total

Nat'l EAA #: _____

Own / Fly: _____

Current Project: _____

Completed Projects: _____

Comments: _____



Ya just never know who's going to show up for pancakes at the chapter breakfast...

Next General Meeting + VAF-Home Wing / Chapter 105

- Thursday, November 11th @ Twin Oaks Breakfast Hangar
- 6:00 Socializing / 7:00 Program
- Elections, Potluck and our annual Pie Auction

Next Hangar Event

- On hiatus
- Contact Ron Singh with your Ideas and Suggestions

Next Board of Directors Meeting

- Thursday November 18th — 7:00 PM
- Twin Oaks hangar G-1 (usually — check w/ a board member)
- Contact a Board Member if you have ideas you'd like considered or would like to attend or volunteer for an event!

EAA Chapter 105

Volume 50/Number 11/November 2010

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First Class Mail

To:

