



Experimental Aircraft Association

Chapter 105 Portland, OR

Twin Oaks Airpark—7S3
www.EAA105.org

The Purpose of EAA Chapter 105 is to Promote Aviation Education, Construction, Recreation and Safety for Enthusiasts of All Ages.

122.75

J. Rion Bourgeois, Chapter President

Imagine This

Imagine, if you would, it is the year 2007. You have just landed at an airport, airstrip, or airpark in the Portland metropolitan area on a sunny Saturday morning. On the edge of one taxiway is a metal hangar proudly displaying Chapter 105's logo. The bi-fold door is fully open, and you stroll over to check it out.



The hangar is 60' by 60' feet, fully insulated, heated and wired. It is fully equipped with aircraft construction tools. In one back corner is chapter member Barry Hauk's project space. Barry rents the space from the chapter for his Bearhawk project that he has been working on in the hangar for the past two years. Barry is there almost every weekend, and keeps the chapter coffee pot full and hot and welcomes the help and company of various chapter members who assist him on a fairly regular basis. He offers you a cup of java and a donut when you stroll over to inspect his project. You accept the java but decline the donut in deference to your experimental's weight and balance, and deposit a buck in the "coffee fund" jar. Barry's project space sits below a mezzanine or loft which contains some comfortable chairs and bookshelves housing the chapter's library, and a donated computer with flight planning and weight and balance software.

In the opposite corner below the loft is a chapter project: the restoration of George Bogardus' Little Gee Bee. The fuselage has been sand blasted and recovered, and painted through silver. The wings are on sawhorses and a couple of chapter members, I.B. Dutch and his brother I.M. Dutch are supervising a group of Air Scouts who are lacing the wing covering to the ribs. They have some country western tunes playing on a boombox.

In one front corner of the hangar, chapter member Joe Swiss' RV-9A is up on a storage lift. He has been renting that space from the

chapter since the hangar was built. Below it is parked chapter member Lance Lewis' Lancair Legacy. Lance's own hangar is across the field, but he has rented this space for a week while he performs an annual with the chapter's specialized tools in the chapter tool crib.

In the other front corner, chapter member Peter Pepper's Piper Cub is up on another lift. Peter has rented the space for the past six months, and tinkers with his Cub almost as much as he flies it. Below the Cub is Ronnie Vator's RV-8 fuselage with its wings in a cradle. It was built in Ronnie's garage, but Ronnie has just moved his project into the chapter hangar for completion. Ronnie optimistically thinks he will be done in a few months, and appreciates the readily available help from Barry and Peter when he needs to repeatedly mount and dismount his wings during this final assembly stage of his project. Ronnie also appreciates the advice he got from the friendly FBO next door when he was mounting his propeller. The motorcycle Ronnie uses to commute to the hangar on dry days

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is parked in the small gravel lot behind the hangar along with a half-dozen autos.

Tied down on the ramp out front is a Cessna 140. It belongs to a flying club, the Red Carpet Flyers, formed by several chapter members who are working on projects at home, but wanted something to fly while they build their experimentals. It is maintained by the local FBO. Sitting across from the Cessna on the ramp is a portable grill on a trailer. Chapter members Barbie Kue and Joe Swiss and his wife are cleaning the grill in preparation for the chapter's Poker Run and barbecue scheduled for the following weekend. As you watch, an RV-4 taxis up and its pilot gets out and pushes it back into the tiedown space across from the grill. It is piloted by chapter member and former airline pilot R.E. Tyred who lives on a local residential airport. R.E. has flown in to work on

*Mike Robertson presents Denny Jackson
with his Airworthiness Certificate*



Well, today was a very good day at the Jackson hangar. N184DJ got her airworthiness certificate so she should take to the air in a few days. Look for a unpainted -8 going to and fro in a 50 mile radius from 7S5 for the next few weeks. Hopefully all that experimental stuff will work out and I won't have to spend too much time changing things to make them work. Thanks to everyone for your encouragement. DJ

the chapter's Little Gee Bee project. He has just gassed up at the FBO next door. R.E. is carrying an old but serviceable airspeed indicator he found at a regional EAA flyin that he hopes will fit the Little Gee Bee.

So what do you think? Wouldn't that be neat? Chapter member Tom Louris has donated his time to draft a site plan for just such a chapter hangar, and if things work out, we may have a ground lease for such a project hangar project in the not too distant future, at which time we will be calling on you for support and assistance in its construction. Keep your fingers crossed.

Meeting Content

Attendance has been very good so far at the new project oriented chapter meetings. So far this year, we have had three RV oriented meetings, but three of the next four are not. Next month is Ralph Hudson's Strojnik S-2A motor-glider, June is the Ken Scott and Ken Krueger's original Pipsqueak design project, and July will be at Arlington. Mike McGee is also planning an alternative engine show-and-tell one Saturday this summer. May is TBD right now — if you have a suggestion contact Randall Henderson. The new format appears to be a winner, and different types of projects are getting exposure. However, I understand that some members miss the old educational program format of chapter meetings. There is no prohibition against supplementing the project at the chapter meetings. In fact, at the January meeting, an extended extemporaneous discussion of alternative engines broke out, and we had an avionics shop make a scheduled presentation at the February meeting. Several representatives of a prominent local vendor also spoke at the March meeting. If anyone has a speaker they would like to invite to a meeting, they should feel free to notify our meeting coordinator and board member Randall Henderson at 503-690-1234 or randall@edt.com.



Mike Robertson has begun flying off the 40 hour 'phase-one' time on Joe and Char Miller's RV-9A.

Rabbit and the Hare Results

The results are in: Joe and Char Miller's RV-9A has flown, and I am still getting my RV-4 ready for paint. Joe and Char, and Mike Robertson did a wonderful job. She sports a full IFR panel and a unique Swiss paint job. But wait! This just in from the rules committee! The race is not over until the time is flown off! Does the tortoise still have a prayer? Will he get a 15 hour advantage due to a certified prop? Stay tuned, sports fans.

A New Race is on Among Repeat Offenders

In the meantime, a new contest is unfolding. Randy Lervold, who previously completed an RV-8, picked up an RV-3 tailkit the same day that Rob Hickman, who previously completed an RV-4, ordered his RV-10 tail kit. Those who know Randy are aware of the intensity he brings to any project. Although the smallest RV kit, the RV-3 is one of the most basic kits, accelerated only by a fast-build wing option, while the RV-10 is the largest and most advanced. Word is that Rob was shocked by the sophistication of his RV-10 tail kit. Components that he spent many hours or days fabricating on his RV-4 project are not only done, but powdercoated, not to mention that all the rivet holes are already drilled. Rob also has



James Overgross' RV-8 N998TT at Twin Oaks Airpark.

his two sons raring to go. Last Spring Break they rebuilt their mom's Camaro's small block, this Spring Break, they plan to plunge into an RV-10 tailkit. One of them has even predicted they will finish their tailkit before my RV-4 flies, the little whippersnapper. We shall see. Go ahead, punk, make my day!

New Website is Up and Running

Check out the new chapter website at www.eaa105.org. It is still under construction, but already looks awesome. In particular, the new webmaster, Randy Lervold, still needs digital photos of your projects for the members' planes page.

A Little Humor

Almost overheard at this month's board meeting: Two cows standing next to each other in a field, Daisy says to Dolly, "I was artificially inseminated this morning." "I don't believe you," said Dolly. "No really, it's true, no bull!" exclaimed Dolly.

In the same category. Definition of Deja Moo: The feeling that you've heard this bull before.

Little Gee Bee Restoration

Dick VanGrunsven

For three Saturdays, beginning on March 6th, Laird Smith, Jerry & Stan VanGrunsven, and I have been working on the restoration of the historic Little Gee Bee homebuilt. Our first task was a major one, sandblasting the old paint and rust from the steel tube truss fuselage structure. To date, we have accomplished this along with the application of a wash primer needed for the application of a final epoxy primer. In addition, we have removed the rusty metal fittings from one of the wood, fabric covered, wing panels and have them mostly sandblasted and ready to prime. I feel that we are making good progress, and the hard work has been interesting and satisfying.

We are really just getting started. But that's a lot better than just talking about it, as we have been doing for the past 6 years or so that Chapter 105 has been the custodian of this homebuilt treasure. I have made my home workshop (North Plains) available for this restoration work. It is reasonably well equipped and has enough room for this work if done in an organized manner. I

would like to see this work progress steadily, even if not on an every-weekend basis. We need more volunteers to be able to plan work sessions with the expectation of making good progress every time we get together. What I really need, along with generic volunteers, are two or three dedicated individuals to head up specific projects. For instance, the wings will need some woodwork repairs because of broken or delaminated parts. Then, all of the wood ribs and spars need to be sanded and varnished. Plus, the leading edge aluminum on the ribs and ailerons need work and/or replacement. Then, we will need the dismantled engine to be painted and re-assembled to display standards. I need persons to organize these and similar projects, and to be able to work with other volunteers even during time when I cannot be present. I can't just leave my shop open to any and all random volunteers, but can do so for project managers and their crews.

Anyone interested in helping with this significant chapter project can reach me best on my cell phone: 503-307-7550, or E-mail at Engineering2@vansaircraft.com

Thanks in advance for your help. Dick VanGrunsven



George Bogardus and Little Gee Bee at Deer Park Airpark on a cross country flight. Photo: Owen Billman via *Experimenter* March, 1988



Stan VanGrunsven applies wash primer to the Bogardus Little Gee Bee fuselage.



Mixing It Up

Mike McGee

Some of you folks have missed some good meetings at Chapter 782 in Vancouver these last few months. This chapter is getting a reputation as a hands on outfit with most meetings either of the workshop variety or presentations of equipment destined for someone's airplane. Since the first of the year two presenters have been from Chapter 105.

In January Steve Rosenstock gave a presentation on the building of a Subaru EA-81 power plant. This engine is destined for his KR-2. Harvey Cheney of Chapter 105 is building the same engine, with a few unique modifications, that is destined for his KR-2 as well. These engines work well in airframes using an engine in the Continental O-200 class sporting around 100 hp, give or take a few ponies.

The March Ch.782 meeting had a presentation on the use of the Mazda rotary engine in aircraft. Two presenters, Ken Welter of Camas, WA and myself brought in a pile of rotary engine parts and proceeded with a 1-1/2 hour discussion on what is coming to be known as the poor man's turbine. Ken Welter flies a Coot Amphibian with over 1000 hours of rotary engine flight time. His aircraft is based at Grove field in Camas. These engines are being used in place of the Lycoming O-320 or O-360 class engines and non-turbo-charged horses ranging from 160 to 200.

Now I'm not suggesting that we surprise the 792 guys with a crowd from the other side of the river. The meeting room they have would be quickly overwhelmed, but, it's fun sometimes to see what's happening next door.

I wonder what 902 is up to these days?

MGM



Future Meetings

[May - TBD](#)

[June - Ken Scott/Ken Kruger Pipsqueak, Deitz Airpark](#)

[July - Arlington EAA Fly-in, July 10](#)

About the meetings

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

The structure of the meetings is pretty loose. The first 40 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!

Meeting places are always needed. If you would like to host a meeting, you will be expected to provide:

- A location that will hold 30-50 people. In the summertime this can usually include just about any size shop as long as we can overflow outside.
- Refreshments. You can get away with a couple of bags of chips and a few six packs of soda, or go all out and provide a full buffet bar with microbrew beer and smokies on toothpicks. We're all really there mainly to BS about airplanes, so don't feel like you have to go overboard with the food -- but feel free to do so if you want!
- A "kitty" -- a jar or bowl for folks to throw a buck or two into. No reason the host shouldn't get some reimbursement for all that food and drink.

[Contact the Meeting Coordinator](#) if you are interested in hosting a meeting.

Meeting Coordinator:

Randall Henderson

503-297-5045
rv6n6r@comcast.net



April 2004 Meeting

**Project: Ralph Hudson's Strojnik S-2A
Motor Glider**

Address: 200 NW 101st Ave, Portland

Date: Thursday April 8, 2004

Time: 7:00 pm

Phone: 503-292-3913

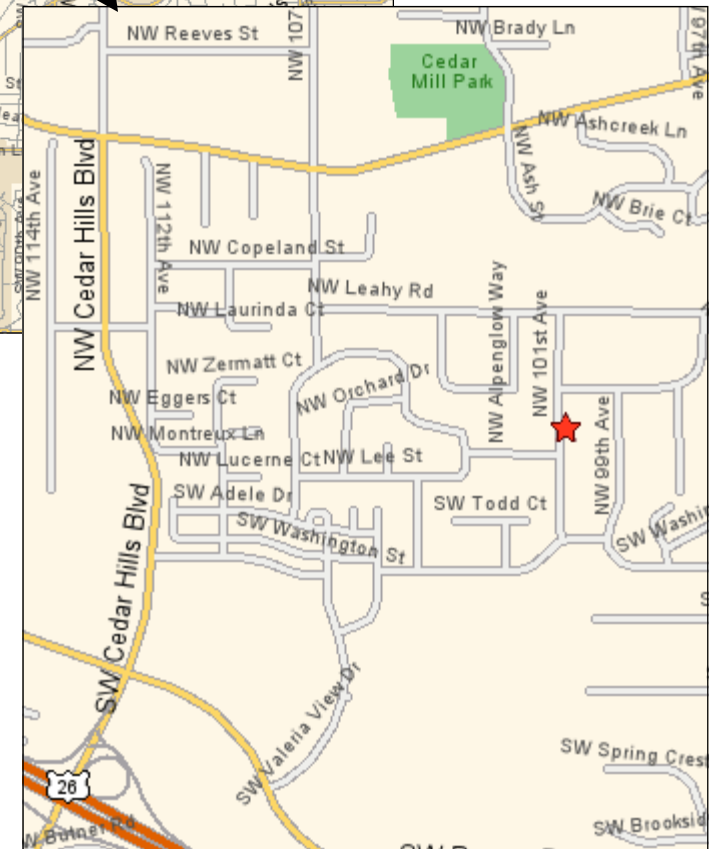
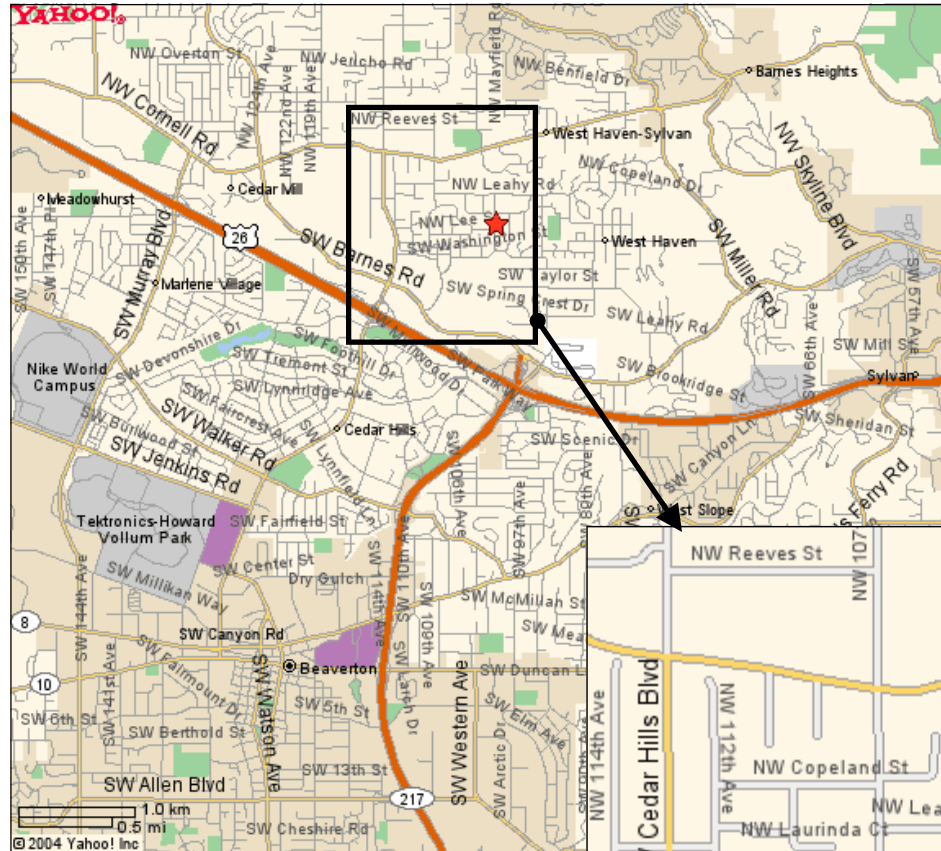
The April meeting will be at Ralph Hudson's house. The project is a Strojnik S-2A Motor Glider which Ralph is building from plans. Some info on Ralph and his project is located on the [meeting project page](#).

From Portland or Beaverton:

Take US 26 to Cornell or Murray Blvd., take Cornell towards Portland on Cornell and turn south on 107th at the Dufresne's Auto Repair. Follow the road about 3 blocks to a natural left turn on to Leahy. East on Leahy to 101st, then south 1 1/2 block to my house.

From Hwy 217 and Hwy 26:

Proceed west on Barnes past the hospital and up the hill. Turn left on Leahy at the light and follow Leahy to 101st, South on 101st and 1 1/2 blocks to my house.





March Meeting at *Van's Aircraft at the Aurora Airport*

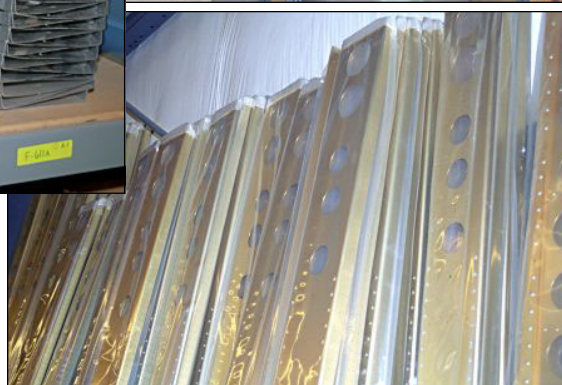
A quick count and one would guess there were well over 100 people attending. Not an unusual turnout for the annual meeting at Van's Aircraft, the birthplace and/or weigh station for all the parts for an RV kit. This meeting has become one of the most popular annual meetings for home builders in the Portland area.

Randall opened the show and after conducting a little business gave the floor to a lineup of speakers—

Carl Dugger filled us in on the upcoming festivities around the visit of the russians, celebrating the first TransPolar flight in 1937, landing at Pearson. Chapter 782 is hosting, and they're looking for people who can help with translating and other activities.



Cowls, ribs and spars destined for customer planes



Van also reported Wally Anderson is back from a recent meeting with the Homebuilt Aircraft Council (HAC). They've been looking into dedicated homebuilt camping, adjacent to the RV corral, at Oshkosh. He mentioned XP3 -- a new 'inspection' protocol, linking pilot, plane and performance, tying together the aircraft inspection with the flight advisor function and planning the first flights.

Tom Green introduced several of Van's staff that were in attendance. In a show of hands, there were a few first-time plant visitors; and about 20 or so people indicating they have RVs flying and 30 more with RVs in progress.

Tom says the new catalogs



Meeting Coordinator and MC Randall Henderson



The Boss in an employee meeting — Gus, Ken and Van

Van spoke for a few minutes on the restoration progress on the Little Gee Bee. They're working on one component at a time, due to space limitations at the home shop. They're ready to sand blast the fuse, and would appreciate help on Saturday. (At the BOD meeting it was said Jerry, Stan, and Laird Smith showed up to help.) They're appealing for more help from those interested in the restoration of this historical local aircraft.

are available, and invited folks to take one with them as they left. For new products, they're now carrying Boe-Lube, and the Blue Mountain line of EFISs. Those run in the \$4k - \$16k range. Also the DigiTrack TruT-



New training aid — After the demise of 66RV at Oshkosh, the crew focused their attention on creating a new RV-7 for Mike Seager to train up and coming RV pilots. In the background — err — back-air, the factory RV-8 perches on the AeroLift while the RV-8A sits underneath.

rack autopilot and Dynon EFIS (the unit Joe and Char put in their RV). They offer pre-built fuel tanks. 'The RV Story' has been updated and is now on DVD rather than the old VHS tape. Tom reports a gratifying 204 RV-10 tail kits have been ordered so far.

Transition training is available for folks heading into RVs (both TW and tri-gear,) check the www.vansaircraft.com page for the details. Lancair also has a transition training program available, but believes the Glasair folks are out of luck. (Randall points out that a lot of people would like to offer the service, but finding insurance tends to be the deal-killer.)

From there we broke up for pizza -- there were a lot of pies plus chip sand soda, but apparently also enough people to make sure there was none left. There were led tours for folks that were interested in all the explanations, as well as an invitation to just wander around and see things at your own

pace. The new factory RV-7 was available for viewing.

Once again I would like to thank Benton for doing a great job picking up the slack on reporting on the RV meeting when I was out of town. After two meetings in the RV writer's seat I'm going to endorse his log book certifying him as an official RV field correspondent.

P-)

MGM



Way Above: Tom Green giving the annual 'Shareholder's Report' to the attendees. Above: Jim Hoak tries on the RV-10.



Mmmmmm, aaahhhh... The usual generosity of the Van's crew is not limited to tours of the factory.

IMPORTANT: The Van's Air Force Home Wing and EAA Chapter 105 newsletters are in no way a publication of Van's Aircraft or any other corporation. All products reviewed or mentioned are not necessarily recommended for use by the Home Wing or EAA Chapter 105, but are included for informational purposes only. All building or flying tips represent only the means by which the builder whose name is associated with the tip chose to build or fly his/her aircraft. Builder's tips are not meant to replace the plans and instructions from Van's Aircraft or any other company. All information is presented only as a source of information, and this newsletter is a forum for exchange and the sharing of ideas and construction methods only. NO responsibility or liability is assumed, expressed, or implied as to the suitability, accuracy, safety or approval thereof. Any party using the suggestions, ideas, or examples does so at their own risk and discretion and without recourse against anyone. The editors of the Home Wing and EAA Chapter 105 newsletters and the builder's tips submitters are not responsible for any product, incorrect construction, design failure, unsafe aircraft operation practice, nor any other peril. Any material printed within may not be reprinted without specific permission, and then should include credit to the original source and author. The Home Wing and EAA Chapter 105 newsletter is published monthly. A complimentary issue for new builders is available upon request. Mail or e-mail all subscriptions, ideas, tips, tricks, and articles to the newsletter editor.

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@siletzbay.com) or call 503-684-2008. Please let us know when your item sells. Ads will run for four issues, and may be renewed by contacting the editor. Last issue indicated by [mm/yy].

Classifieds

RV-8A Subkits for Sale by Chapter 105 — Empennage assembled; one wing assembled, one just started. Can be built as an RV-8A or RV-8 (tailwheel). Plans #81205. Located in Chapter 105 hangar at Twin Oaks. Asking \$5500. Contact Rion for viewing -- 503-646-8763 (eve), 503-670-1144 (day), 503-720-9394 (cell)

Want to Buy Bowers Fly-Baby Project — prefer wings and tail complete, but will consider project at any stage. Contact Tom Sampson - thomas.e.sampson@comcast.net or 503-590-6575 (day) 503-590-2828 (eve) [07/04]

Volunteers Needed to Assist Visitors during Celebration of Famous 1937 Chkalov Flight

Two groups of Russians will be visiting the area this season. The first group will be here June 15–22 to commemorate the 100th anniversary of the birth of Valery Chkalov, the pilot of the first trans-polar flight from Moscow to the US, landing at Pearson Field, Vancouver. The Chkalov Cultural Exchange Committee is seeking volunteers to assist with different activities. Interpreters are particularly needed for the expected 150+ guests. Please contact Jess Frost at 360-735-0365 or jfrost@chkalov.org if you can help. Visit www.chkalov.org for more information.

A second group of ~20 will stop in the area July 24, on their way to visit EAA Airventure. This group will be traveling with 4 planes, and may perform if the details can be worked out.

RV-4 Tools For Sale — 3X rivet gun with air control valve, 12 rivet sets, and two holders - \$150; Tube flaring tool - \$40; Tube bender - \$20; Edge nibbler - \$10; EE model 50 Magneto synchronizer - \$10; 9/16" Cylinder wrench for C-85, etc. - \$10; Harbor Freight 1-ton shop (engine) hoist - \$100; Grimes white strobe light (unused) - \$20; Stick Force Gauge - \$15; Shoebox full of misc a/c hardware inc. 5 rod ends, 2 bellcrank bearings, light bulbs, instrument screws, 80+ nutplates, 40+ snap-in grommets, O-320 metal exhaust gaskets, lots of AN rivets and screws (packaged) - \$35; Essex fuel primer (new, unused) - \$40 — Mike Bender 503-313-9640 (Ptd) [07/04]

Hanger @ Hillsboro — 44' x 33' Tee hanger. Electric door and water \$300/Month. Contact Gene Frye, 503-693-3358 or gfrye@metrowest.fm [06/04]

Sandy River Airport (03S) for Sale \$1.3M -- 42313 SW Oral Hull Rd, Sandy, OR. 2200' grass rwy, several buildings totaling ~47,000 sqft, ~35 acres. Contact Listing Agent Connie Knittel, cknittel@pacificpioneer.com or 503-407-8020 [06/04]

Thorp T-18 Looking For Partner or Sale — Bought a plane, lost my job. Can't afford to keep it alone, so it's for sale or for partner. 1971 THORP T-18, 1945 TTSNEW, strong O-320-E2D (could use top O/H), always hangared, KY- 97A comm, Garmin GPS-89, Terra xpdr, \$24,000 for sale, half that for partner. Hangared HIO. Free CFI check-out. Pictures and info at www.pmandel.com. Contact Phil Mandel pmandel@juno.com or 503-887-0889 [06/04]

72 acre Hazelnut Farm for Sale—North of Forest Grove in the foothills of the Coast Range with 3 bedroom farmhouse and 1300 foot grass strip. Call Jim Woodard at 503-357-2951 [06/04]

Ka-7 glider basketcase for parts — Wood/fabric wing; tube/fabric fuse. Also includes old glider trailer. \$500 or make offer. Thomas Johnson thojohnson@hotmail.com or 503-638-0384 [04/04]

Chard-6 Serial Number 2 is for Sale — It is owned by Ted Fields of Oklahoma. You can read about it in the June 2003 issue of Kitplanes. Unfortunately, since the article, this airplane has been injured. Ted Fields phone is 508-545-3411 [04/04]

Open for Business

Top Flight Interiors — Fine Aircraft upholstery, impeccable quality, custom interiors, leather specialist, imported textiles. Jesse Cary at Twin Oaks or 503-475-1036.

Web Sites, Applications & Desktop Publishing — Oregon Media, Phil Spingola phillip@OregonMedia.com or 503-201-4896

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 503-543-2298

AEROFRAME Gallery - Aviation Merchandise and Custom Picture Framing — Located at the intersection of I-205 and 99E (McLoughlin Blvd.) in the Oregon City Shopping Center, AEROFRAME Gallery offers a huge selection of collectible airplane models, aviation art, and aviation related items for all ages. Non aviation art is also available. Visit the gallery and/or the website to view the gallery, its items, and the custom frame selections. 503-557-1333 www.aeroframegallery.com



Board Meeting Highlights

Your Chapter 105 Board

18 Mar 2004 - 7:00 PM — Rion Bourgeois, Joe Miller, Benton Holzwarth, Jim Pace, Brent Anderson, Harvey Cheney, Mike Robertson, Jenny Hickman, Mike Psiropoulos, Tom Louris, Mike McGee and Woody Hall attending.

- Motion was made and seconded to adopt the minutes of the February meeting. Motion passed unanimously.
- The annual Bogardus Trust report was presented.
- Merger document has been signed and submitted to the IRS. Randy has sent the pro rata funds to the other chapters.
- Jenny gave a Treasurer's report. This year we're about \$500 in the black
- Suggestion to purchase a Prop Balancer with 105's share of the VAF Homewing treasury dispersal was renewed.
- Brent handed out the cups and mugs he'd received for the members present. Individualized mugs are available. Brent needs to do awards for both 2002 and 2003. Brent showed the Bogardus trophy. Suggestion to make an event out of the Bogardus presentation. Brent will look into arrangements. Hope to do awards in April meeting. Showed new "eagle" mug for YE Flight Leaders.
- Betty Stark's cookie queen apron (Jenny). Jenny displayed the apron. Plan is to present it to Betty at the next breakfast.
- Upcoming sites for chapter meetings were announced:
 - April - Ralph Hudson's motorglider
 - May - Randy Griffin RV-8 project Vancouver
 - June - Ken Scott/Ken Krueger Pipsqueak, Dietz
 - July—Arlington 7/7 - 7/11/04. Meeting the 10th.
- June 19 Scappoose fly-in (Mike and Brent)
- T-shirt art is in preparation. Tentative order

would be 200 shirts. Special orders (e.g. turtle-necks, etc) should be placed by next meeting. Chapter will pay for t-shirts as a fundraiser.

- Ground radio crew chief is Mike Wilson. Need crew chief for car parking.
- Mike will talk to Strickland about YE flights.
- Marci Lange is food chief, Harmon is setup boss. Bills from these costs will be covered by the chapter. They will be reimbursed from their receipts. Joe offered his trailer for use at the fly-in.
- Poker Run, June 26 (Jenny and Brent) - Destinations will be Twin Oaks, McMinnville, Tillamook, Astoria, Scappoose. (Annie's at Independence closed, also rumor a restaurant is re-opening there.) Next year we may do Seaside instead of Astoria. Discussion of entry fees. \$20 for members, \$25 for non members. Includes t-shirt and lunch. Attendees can bring side dishes and deserts. Non-participants and family members can pay \$2.00 for lunch. Prizes were discussed.
- AeroLift presentation by Dwayne Meachum. Same airplane storage lift as was seen at Van's hangar last meeting.
- Ride Swap and Test Rides (John Halle) - There's interest in tying together fly-outs with ride swapping, but no one stepping up yet to organize it.
- Chapter 2005 photo calendars for fundraising (Benton) - Harvey's daughter priced 150 calendars for \$1,606.40. Either coil or plastic wire, drilled for hanging, printed 4-color and bound. Randy Griffin (who publishes our paper NL) asked but his printer is not interested in doing them either. Too expensive and too risky to print. Suggestion to make a pdf file of the calendar which could be electronically distributed or sold on a CD-ROM. Print your own calendar or use it as computer screen wallpaper.
- B-17 visit June 17-21
 - Chair is Rion; PR is Ed Mason
 - Volunteer & equipment coordinator is from 902:

“Contact!” Chapter Officers and		
President	J Rion Bourgeois	503-646-8763
Vice President, WebMaster & DB Admin	Randy Lervold	360-817-9091
Secretary	Michael Psiropoulos	503-681-3088
Treasurer	Jennifer Hickman	503-524-3190
Sgt-at-Arms & Hangar Mgr	Phil Spingola	503-603-0195
Quartermaster		
NL Editor	Benton Holzwarth	503-684-2008
Meeting Coordinator	Randall Henderson	503-297-5045
Activities Coordinator	Brent Anderson	503-523-2012 (day)
Breakfast Crew Chief	Joe Miller	503-647-2059
Breakfast Crew Chief	Jim Pace	
Hangar Mgr	Ralph Schildknecht	
Librarian	Jim Mitchell	503-644-5258
Public Relations Mgr	Ed Mason	503-288-9275
Director & YE Coord	Harvey Cheney	
Director & Bogardus Trust Liason	Dick VanGrunsven	

Bob Philpot, 503-759-1083; Merchandise and ground tour sales chair is from 902: Paul Tidball, 503-753-7000

- Young Eagles flights Harvey; Bogardus Trust has offered to pay for ground tours for ACE students and chapter is offering lunch; Waiting to hear from Bob Strickland.

- Young Eagles days: Harvey
 - Sat Mar 27 - Girl Scouts
 - April 3rd bkfst - Naval Cadets/Sea Scouts
- Hangar construction: Randall and Rion—Tom Louris showed site plans for HIO. Site is just off of the threshold of Runway 02. Lease term would be 30 years. Hangar would be 60' x 60'.

Open floor:

- Dick is working on the little GB. Needs a few hands this weekend. Call ahead.
- Brent: B-17 weekend the Russians are coming. June 2004 has been declared Valery Chakalev month. 6/16 - 22 celebration will be here (Vancouver.) Volunteers are sought to provide services for the visitors as well as interpreters. Contact Carl Dugger—Chapter 782
- Mike McGee: Alternative engines will be a Saturday event, date TBD. Will be 3 - 6 such aircraft at Mike's hangar. Chapter 782 meeting on Tues night in Vancouver Mike will talk about Rotary engines.
- Harvey/Michael: report on Hillsboro City Council meeting with "Safe and Quiet Skies" organization. Mayor Hughes said the City will investigate what it can do to regulate the noise especially with respect to the helicopter patterns. Suggestion was made to use our email list to circulate Bob Duncan's notices about meetings critical of the noise from HIO. What about a letter writing campaign team?
- Carl Battjes comments from Benton. Would like to revive some of the sig's, extra meetings for presentations, workshops like the ones Chapter 782 does, etc. Possibility of having August meeting as a traditional meeting with presentation. Mike Robertson could do his Sport

Pilot presentation. All are encouraged to bring ideas for additional meetings and presentations. Resolution was made to review subject on a regular basis to make sure we're not missing opportunities for educational presentations. Presentations after breakfasts also. Video tapes about building projects and techniques, perhaps after the breakfasts.

- Benton will take minutes for April meeting.
- Close with jokes from Joe Miller's joke book. Meeting was adjourned at 10:05 p.m.

2004 Aviation Calendar

Brent Anderson

Apr 10	Tucson, Az EAA Ch 81 Fly-in Breakfast 520-977-5847
Apr 13-19	Lakeland, Fl EAA Sun & Fun Fly-in 863-644-2431
Apr 17	Borrego Springs, Ca IAC Ch 36 SW Reg. Aerobatic Contest 949-673-5918
Apr 25	Halfmoon Bay, Ca Pacific Coast Dream Machines Show 650-726-2328
Apr 26-28	Ephrata, Wa IAC Ch 67 Aerobatic Camp #1
Apr 29-May 1	Ephrata, Wa IAC Ch 67 Aerobatic Camp #2
Apr 30-May 2	El Cajon, Ca Wings Over Gillespie Salute to Distinguished Flying Cross Society 619-520-5501
May 14-15	Apple Valley, Ca IAC Ch 49 30 th Annual Gold Cup Aerobatic Contest 949-673-5918
May 14-15	Scottsdale, Az (SDL) Pilot's Review of Proficiency Safety Seminar
May 14-15	New Braunfels, Tx (KBAZ) EAA SW Regional Fly-in 830-997-8802
May 15-16	Chino, Ca Planes of Fame Airshow 909-597-3722
May 15-16	Silver Springs, Nv Lyon Co Airfest 775-575-4459

May 18-20	Las Vegas, Nv Aviation Services & Suppliers Supershow 800-827-8009
May 21-22	Ephrata, Wa IAC Ch 67 2004 Apple Cup Aerobatic Contest 360-652-8105
May 29-30	Llano, Ca Brian Ranch Airport World's Smallest Airshow 661-261-3216
May 29-30	Mountain View, Ca Moffet Field Air Expo 805-684-0155
Jun 4-5	Merced, Ca West Coast Antique Fly-in 209-383-4632
Jun 5	Hemet, Ca Hemet Ryan Airshow
Jun 12	Langley, BC (CYNJ) Langley RV Fly-in www.vansairforce.org/CYNJ/
Jun 12-13	Cour d'Alene Id, Thunder over the Prairie Airshow 208-762-7422
Jun 12-13	Fallon, Nv NAS Fallon Open House & Airshow 775-426-2411
Jun 18-20	Hillsboro, Or (HIO) EAA B-17 Aluminum Overcast hosted by EAA Ch 105 rion@att.net
Jun 18-20	Vancouver, Wa Pearson- 100th Birthday Celebration for Valery Chkalov; pilot of 1937 non-stop flight from Moscow, Russia to Vancouver, Wa Pearson in an ANT-25 www.chkalov.org
Jun 18-20	Olympia, Wa Gathering of Warbirds 360-705-3925
Jun 18-20	Marysville, Ca (MYV) EAA Golden West Regional Fly-in 530-741-6248
Jun 19	Scappoose, OR (SPB) Van's Homecoming Fly-in
Jun 19-20	Fairfield, Ca Travis AFB Open House & Airshow 707-424 -2245
Jun 26	Twin Oaks, Oregon (7S3) EAA Ch 105 3rd Annual Poker Run
Jun 26-27	Rocky Mountain EAA Regional Fly-in 303-452-9757

Jul 7-11	Arlington, Wa (AWO) EAA NW Regional Fly-in 360-435-5857
Jul 19-25	Farnborough, England Farnborough International Airshow 2004 609-987-9050
Jul 27-Aug 2	Oshkosh, Wi (OSH) EAA Airventure 2004 888-EAA-INFO
Sep 4-5	Aurora, Or (UAO) Van's Homecoming
Sep 10-11	Pendleton, Or IAC Ch 77 Beaver State Regional Aerobatic Contest 360-735-9441
Sep 16-19	Reno, Nv Reno Air Races 775-972-6663
Oct 7-10	Phoenix, Az, Phoenix Regional (A39) EAA Copperstate Fly-in 520-400-8887
Oct 15-16	Borrego Springs, Ca IAC Ch 36 Borrego Akrofest 949-673-5918
Oct 15-17	Las Cruces, NM Land of Enchantment RV Fly-in



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Editor's Notes

Benton Holzwarth v2



This taste of spring-like weather has been driving me crazy. I am sooo looking forward to the beginning of the flying season. (And my hat's off to those of you that don't slow down your activities across the shorter days.) With the good weather comes the really good airplane spotting and fresh fodder for the newsletter. Keep those cards and letters (and articles) coming.

Montana Float Company is planning to show prototypes for two new floats at Arlington — delighting the Bearhawk contingent: a 2400# design and one at 2800#. These neatly fill a gap in the previously available coverage.

Portland/Twin Oaks EAA Chapter 105 Membership Registration / Renewal Form



Renewal \$20 New Member \$25
Send to: Jennifer Hickman
15890 SW Talus Pl.
Beaverton, OR 97007

For Renewals, indicate **changed** information only
Check: New Renewal Amount Paid \$ _____
New members will receive E-Delivery if at all possible

Name: _____
Address: _____

City/St/Zip: _____
Home Ph: _____
Work Ph: _____
e-addr: _____
Spouse's Name: _____

National EAA #: _____
Own / Fly: _____
Project (Let us know what you're working on): _____
Completed: Yes / No / 90% done 'n 90% to go: _____
Pilot Ratings: _____
Additional (help for other builders?): _____

Breakfast Volunteers

Saturday, May 1st, 2004

7AM

David Sellers
 Philip Renyer
 Scott Rider
 Mike Robertson
 LeeJay Robles
 Steve Rosenstock
 Ralph Schildknecht
 Cameron Scott

9AM

Norm Rainey
 Charles Rice
 Paul Runyan
 Dave Salesky
 Sam Salzman
 Richard Scott
 Paul Dripps Seldon
 Dan Reed

Note to Volunteers who cannot serve: Please arrange replacements for yourselves, or contact a Board Member.

Chapter Calendar

Apr 8	EAA 105 Chapter Meeting 503-646-8763
May 1	HIO Twin Oaks EAA 105 Pancake Breakfast 503-646-8763
May 13	EAA 105 Chapter Meeting 503-646-8763
Jun 5	HIO Twin Oaks EAA 105 Pancake Breakfast 503-646-8763
Jun 10	EAA 105 Chapter Meeting 503-646-8763
Jun 19	Scappoose (SPB) EAA 105 Van's Homewing Fly-in

**Next Meeting –
 VAF - Home Wing
 EAA Chapter 105
 Thurs April 8, 2004 - 7:00 PM**

Ralph Hudson's
 Strojnik S-2A Motor Glider
 200 NW 101st Ave, Portland
 See map - page 5

Note: Meeting is on Second Thursday!



The Leader In Recreational Aviation



To:

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