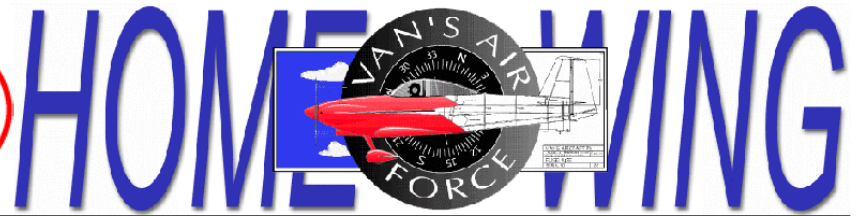


Experimental Aircraft Association

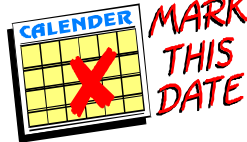
Chapter 105 Portland, OR

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.



Next Meetings



- Mar 10 — Chapter Meeting: Annual visit to Van's Aircraft Factory.
- Mar 17 — Board Meeting: 7:00 PM; Location TBD

Newsletter Deadline — Mar 19

- Newsletter article contributions and ads are welcome anytime, but may be held to a later issue if received after Mar 19

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122.75

J. Rion Bourgeois, Chapter President

Flying Weather

It appears we have an early spring this year. Several of us took advantage and flew up to Port Townsend a couple of weekends ago and checked out the Port Townsend Aviation Museum and their various classic aircraft. They have a program for local youth to work in the museum on the classic aircraft they restore and the kids even get to take flying lessons in a couple of Aeronca Champs they have restored. It is a very worthwhile program. This airport (Jefferson County International) is a good flyout destination as it not only has this museum on site, but a nice restaurant right on the ramp. Check it out one of these days when you are looking for a destination. Be sure you have an up-to-date sectional with the TFR's marked as there are a couple you need to avoid nearby.



Breakfast news

We served about 200 diners in February, despite fog early. Len Kauffman's help with the KP duty roster continues to make things run smoothly without too much of a load on the regulars.

Puyallup Show

I had planned on attending this year and having dinner with Bob Warner, the senior vice-president of membership of the EAA, but got laid low by the awful strain of flu that has been going around. Randy Lervold and Randall Henderson made it up in Randall's RV-6 though and represented the chapter at

the meeting. Apparently we are one of the larger chapters in this area. They heard the latest from national headquarters and may share a few tidbits at the next chapter meeting.

Breakfast KP Duty

Saturday, February 5th, 2005

7:00 AM	9:00 AM
Harmon Lange	Ron Graff
Randy Lervold	David James
Glenn Longley	Charlie Kaluza
Steven Mahoney	Robert Martilla
Jim Mitchell	Ed Mason
Bob Patterson	Gary and
Scott Rider	Cathy McGaughey
Jim Morrow	Patrick Moran

Saturday, March 5th, 2005

7:00 AM	9:00 AM
Terry Lorz	Phil Mandel
Philip Mandel	Brent Ohlgren
Ted Marks	John Pallister
John Mates	Mark Pearson
Patrick McGowan	Ross Phillippi
Paul Metzger	Tony Pickering
Brian Moentenich	Lawrence Pimm
Charlie Nicholson	Andrew Plunkett

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

Young Eagles Coordinator needed

We are still looking for someone to take over for Harvey Cheney. He has scheduled YE days for April 2 and April 16, so even if you don't want to take over the lead, you should plan on coming out and flying some kids. If you are interested in doing some volunteer work for the common good, this is a good opportunity. Give me or Harvey a call.

Seasonal Humor

No one objects to March coming in like a lion - it's the hanging around like a polar bear that's depressing. What's good about March? Well, for one thing, it keeps February and April apart. Spring is the time of year when the weather seldom gets together with the season.

Chapter 105 Flight Instructor Listing

Along with the Tech Counselor and Flight Advisor lists on the chapter website, we're adding section for our chapter flight instructors. If you'd like to include your name on our new list, forward your information to our web-meister, randy @romeolima.com. Please include skills (Instrument training? Tailwheel transitions?) and the airstrips you work from, along with your contact information.

And when considering flight training, do consult our list for instructors who may be best able to cover your type-transition needs.

Young Eagles Coordinator Position Open



Harvey Cheney has done a great job organizing the Young Eagles flights over the last several years, but is ready to let someone else have a turn.

The chapter needs someone to pick up the baton and carry on with this task. If you'd be willing to help contact Rion or any other chapter board member.

Also, YE Pilots, mark your calendars — there are flights set up for April 2 and April 16.



Tom Schmidgall's 1955 Cessna 180 (N3222D)

Would You Recommend Your AB-DAR?

The EAA Government Relations department is updating the amateur-built DAR (AB DAR) web page and we need your Chapter members assistance with the update. Within this web site we have listed all of the individuals the FAA has currently authorized to inspect and certify amateur-built aircraft. There is one column called "EAA Member Recommended AB DAR" that directly reflects your member feelings about the AB DAR's who have inspected and certified their aircraft.

What I need is for your Chapter members to tell me if they would recommend the AB DAR who inspected and certified their aircraft to other EAA members. If they would, then what is the name of that inspector - once I get that name, I'll then add a "yes" under the recommended column next to that AB DAR's name.

I would like to thank you and your Chapter members in advance for helping to provide this information to all members of our EAA Family.

The current EAA AB DAR web page is at: http://members.eaa.org/home/govt/help/ab_dar.asp Please take a look at it...the list of recommended AB DAR's is a living list that can be updated any time.

Randy Hansen
Government Relations Director
Experimental Aircraft Association (EAA)
PO Box 3086
Oshkosh, WI 54903

ANNOUNCING

Builder's Motivation Day

Been working away all winter on your project? Considering starting a project and still don't know what plane is right for you? Your chapter understands and is here to help — we are pleased to announce the return of... **Builder's Motivation Day!**

Many of you will remember this as a Home Wing event. We're bringing it back for 2005 but expanding the objective a bit...

- To provide a bit of motivation for those building by getting them up in the air with another chapter member.
- To provide some direct flight experience with different types for those still considering what, or whether, to build.

Date: Saturday, May 7th, 2005, 10:00 am (after the breakfast)

Place: Twin Oaks Airpark at the new chapter hangar of course!

How it works:

- Members interested in a ride should send an e-mail to Randy Lervold at randy@romeolima.com. Please state what type of aircraft you are building or are interested in building.
- Pilots willing to fly please e-mail Randy Lervold that you will be available.
- Randy will manifest all flights and make a best attempt at matching aircraft type with rider interest.
- Available ONLY to *current* Chapter 105 members (pay your dues).
- Aircraft must be in Phase II of course, and pilots should have at least liability insurance, chapter insurance will provide secondary coverage.
- Riders and pilots please be at the chapter hangar promptly at 10:00 am
- Riders may contribute to pilot's fuel expense, please arrange individually.
- IMPORTANT: If the weather is bad the event will be postponed one month to June 4th. Event Coordinator will make the call and e-mail all participants the day before and post a notice on the chapter website's front page.

This is a great opportunity for chapter members to share with each other in the true spirit of the EAA. If you're flying please consider helping other members out by participating, you'll undoubtedly make someone's day!

...Randy Lervold

randy@romeolima.com

360-901-2150 cell

Meeting Coordinator:

Randall Henderson

503-297-5045
Randall @edt.com



February 2005 Meeting

Program: Annual Visit to Van's Aircraft

Address: 14401 Keil Rd., Aurora, OR
(on the S. end of Aurora Airport)

Date: Thursday Mar 10, 2005

Time: 7:00 PM

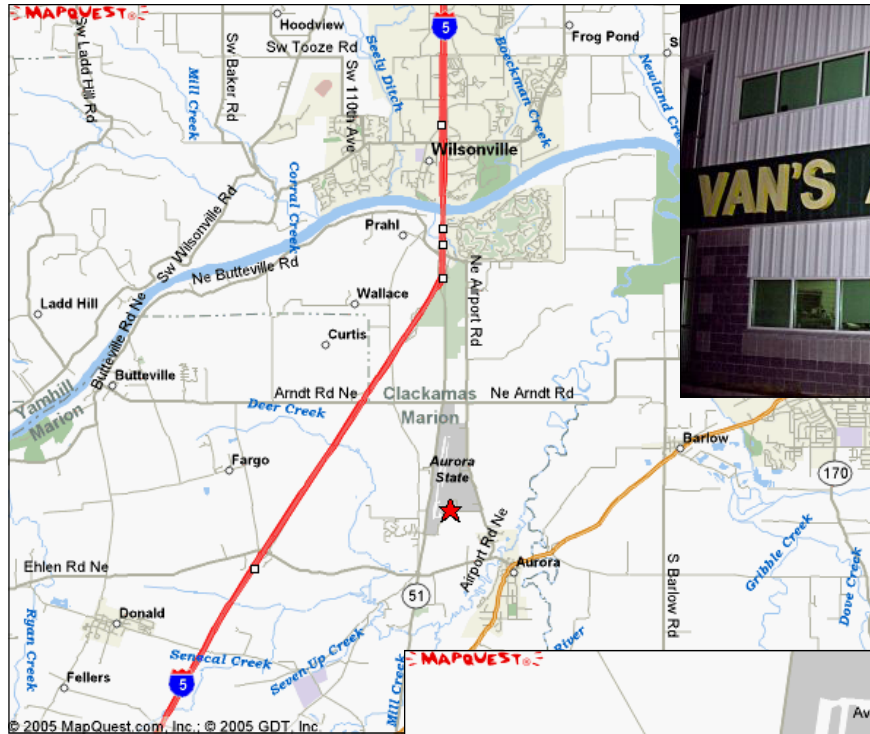
The March meeting will be at Van's Factory, always a good venue for a meeting about experimental aircraft!

From Portland:

Take I-5 South, take the Canby/Hubbard exit (exit 282A), continue south approximately 2.5 miles, turn left on Keil Road (before the 2nd stop light); Vans is on the left, about 1/4 mile from the intersection.

Flying:

Aurora (FAA Airport ID KUAO) is well-lighted so its a good night-flying destination for those who are so inclined. Van's is the new building near the south end of the field. Take the taxiway turnoff at that end, jog left, then right at the second taxiway you come to, taxi east between the blue hangars (taking care to avoid obstructions and holes that are right next to the taxiway), park

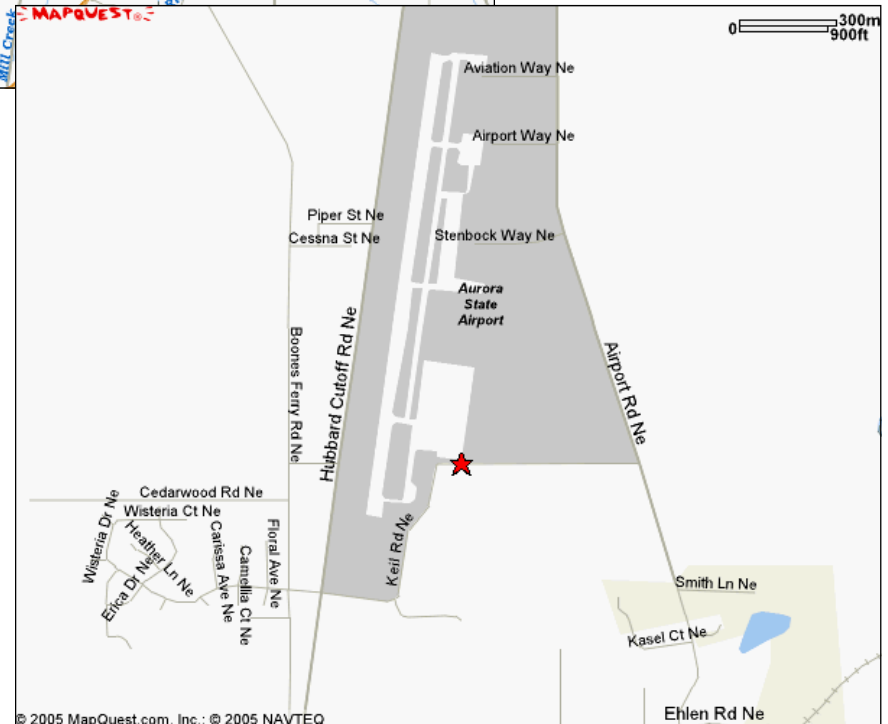


on the gravel or in the grass but NOT in the parking lot (cars go through there too).

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. A good way to offer or ask for a seat is to use the oregonrvlist email list.

Be sure to follow the published noise abatement procedures.



Future Meetings—Tentative!

Mar – Van's Aircraft Factory, Aurora

Apr – Randy Lervold's RV-3, Vancouver

About the meetings

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

IMPORTANT: *The Van's Air Force Home Wing and EAA Chapter 105 newsletter is 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.*

Do You Want to Win a KitFox?



EAA Chapter 517, Inc. in Missoula, Montana is conducting a sweepstakes



with a KitFox Model V which was completed in 1997 as the Grand Prize. Built by a retired airline captain, this beautifully completed aircraft is powered by a Teledyne Continental IO-240 engine and was appraised at \$48,500. This beautiful airplane, painted in a patriotic red, white, and blue scheme, has approximately 110 hours total time and is a 9+ inside and out. Pictures and full details about this airplane are available on the EAA Chapter 517, Inc. website: www.eaa517.org. In addition to the Grand Prize KitFox, 1st prize will be a Garmin GPS, and 2nd prize will be a Lightspeed ANR headset.

This sweepstakes is unique because Chapter 517 will only offer a maximum of only 4,000 tickets. The odds of winning will be based on how many ticket are actually issued. The Chapter hopes to receive donations for a minimum of 3,000 tickets to see an appropriate return on the generous donation made by one of our Chapter members. A donation of \$25.00 is requested for each ticket or 10 for \$200. The drawing for this sweepstakes will be held on March 5, 2005.

<http://www.eaa517.org/Sweepstake.htm>

HIO Master Plan and Compatibility Study Open House



Location: HIO Airport Terminal

Date: March 23, 2005, 7:00 PM—9:00 PM

An open house for the presentation of the port's preferred concept for future development of the airport and solicit input from citizens on this proposed plan.

Further information: Barbara Smolak, 503-460-4837

www.portofportland.com/HILLSBOR_MP_Htm_01.htm or

www.tinyurl.com/57ydp



Rion Bourgeois' 2004 RV-4 (N724RB)

February Meeting at Dan & Sun Benua's Shop

An RV-10 in Progress & Metal Working Tips



The February chapter meeting was held at Dan and Sun Benua's home and workshop in NW Portland on a beautiful evening. The sun sets early in February, so that proved only a fleet-

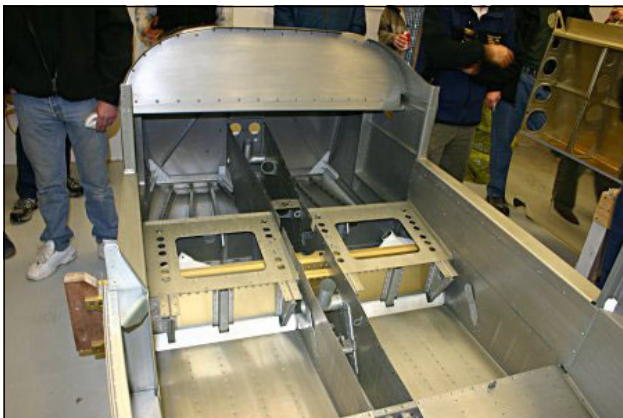
ing distraction.

After the customary schmoozing and swapping of stories, and helping ourselves to snacks (didja' see those submarine samiches? Two lengths of that roll seemed to feed the entire group of 30+ folks that turned out!), Randall called the meeting to order and covered the chapter business -- upcoming events and news.

The evening plan was to have a look at Dan and Sun's current project, an RV-10, and the group-sharing of tips

and tricks for working with aluminum. Dan has a wealth of information to share with folks. We saw that when he led the engine section of the Annual Condition Inspection workshop last October, and it was confirmed with the agenda he prepared for this meeting. It was very much a sharing of tools and techniques session.

There was discussion around Dan's *Vixon file*. The file features a single-cut tooth, with coarse teeth that don't shed the shavings rather than loading up. It's a fairly thin strap of metal and Dan had his screwed down to a slightly bowed stick. There was also talk of a new rivet-hole deburring tool that clears both sides of the sheet at once. The cutters are ~ \$45 each (Cleveland) and each does only one size of hole. Others remarked that the ones they'd bought at Boeing Surplus hadn't lasted very well.



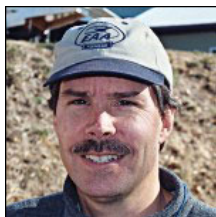
The cockpit section of the RV-10, from the firewall to the cargo area. The tail cone is part of the 'empennage' package in this model.



Dan speaks about the tools he finds most useful. The nubby welcome mat allows metal shavings to hide below the main piece.

Conferences and the Puyallup Air Fair

Randall Henderson



The Northwest Aviation Conference and Trade Show was held on February 26-27. It's an event that I usually try to make it up to, because, well, what else is going on February?

This year I had more reason to go, due to a couple of conferences that were scheduled around the trade show; an EAA Chapter Leadership Conference on Friday evening, and an AOPA Airport Support Network conference on Saturday morning.

Rion Bourgeois and Randy Lervold had planned to drive up for the EAA thing, but Rion got shot down by the flu, so Friday afternoon I jumped into my RV-6, popped over the hill to VUO to pick up the temporarily-planeless Randy, and flew up to 1S0 under clear blue skies. After a 4-mile cab ride to the hotel that took longer than the 90 mile flight up from Vancouver (really!) we checked into the hotel then headed for the dinner conference.

The conference was attended by around 30 EAA chapter officers, mostly from chapters around the Seattle area, and was headed up by Bob Warner, EAA's Senior Vice President in charge of Membership and Tom Poberezny's right hand man. This was the first such meeting that I've attended, and it was interesting just for the glimpse it offered into the issues that EAA national wrestles with and how they view the chapters and chapter members. It was apparent that the folks at EAA HQ are taking some hard looks at the problems they face as a result of the organization's ever-expanding reach, and that they are well aware of the perception some members have that EAA has drifted too far from its homebuilt

'roots'. He had no specific answers to that but made it clear that they are working towards some changes that will address those concerns.

It was also quite interesting to hear from leaders of other EAA chapters. I won't go into a lot of detail about all of that (the meeting was 3 hours long!), but I will say that there were echoes of many of the issues that our own chapter has dealt with over the years, and it gave me a new appreciation for just how well 105 is doing now, in spite of the rough spots. Compared to a lot of chapters it would appear that we have a strong membership, a lot of activities, and a pretty decent level of participation.

Saturday AM was the AOPA Airport Support Network Volunteers' breakfast conference, which was attended by some 25 AOPA ASN Volunteers (if you're not familiar with this critically important program, you should be -- see www.aopa.org/asn). Phil Boyer made an appearance, but the event was mainly run by program director Stacy Platone and VP of Regional Affairs Roger Cohen. Like the EAA conference, it was ostensibly for the purpose of gathering information from people 'in the field', as a way to help AOPA HQ learn how to improve the program. A lot of it ended up being a bull session about successes and challenges the various airport supporters face, and one relevant story came out of Arlington, where ASN volunteer Bruce Angell reported on the recent effort to block a proposed NASCAR track next to

the airport. Their win may end up being our loss, because they're now talking seriously about putting the thing next to TTD. And while the extra Bizjet traffic would bring some economic benefits to the airport, I think most of us will agree that a TFR at the mouth of the Columbia Gorge would be a VERY bad thing for GA.

After all of that, I finally made it over to the conference, and roved the booths for just a bit. Much of it was what you'd expect -- groups of leather-jacketed pilot-types clustered around the Garmin and other fancy-glass displays; stacks and stacks of freebie handouts (got my annual copy of Trade-A-Plane); the seemingly endless but thinly-attended row of FAA "division of this" and "ministry of that" booths; guys doing double- and triple-takes at the Spitfire-esque "Twister", a German-made single seat trailerable kitplane. Wound it all up at Phil Boyer's "State-of-GA" talk, which was predictably optimistic but nonetheless well-presented and inspiring.

The one big downer of the whole show was the ride between the fairgrounds and the airport. Puyallup traffic makes Portland's seem like a walk in the park, and after waiting 45 minutes for the

shuttle only to find out it was just starting its return trip, we gave up and caught a cab for the 40-minute ride through stop-and-go traffic. The good thing was that it made us that much more grateful to hop into a sweet fast airplane and climb up above all the roads, traffic lights and strip malls for a beautiful afternoon flight home.



What a difference a year makes...

Denny Jackson flew his RV-8 in silver a year ago, now it makes its debut in color.



2005 Aviation Calendar

Mar 6-9	Baja California, Mexico; El Galito Baja Bush Pilots Whales 2005 Trip II; 480-730-3250
Mar 10-12	Idaho Aviation Festival www.itd.idaho.gov/aero/AviationFestival/
Mar 15	Scottsdale, AZ (SDL) Business Aircraft & Jet Preview
Mar 19	NW Av Safety Education Symposium 360-771-5691 or 503-636-4930
Apr 12-18	Lakeland, FL; EAA Fun 'N Fun Fly-In, 863-644-2431 www.sun-n-fun.org
Apr 29– May 1	Mojave, CA; West Coast Formation Clinic, www.lancairlegacy.com/Formation
May 19-21	Hayward, CA (HWD) Hayward Proficiency Air Race 925-784-7128
May 21-22	Fun2Fly—Linn Co. Fair & Expo; gwen at 503-381-0997 or www.fun2fly.org
May 27-29	Watsonville, CA; Watsonville Fly-In; 831-763-5600 www.watsonvilleflyin.org
Jun 4	Frederic, MD; AOPA Fly-In; 800-USA-AOPA
Jun 13-15	Paris, France; Paris Airshow 2005
Jul 6-10	Arlington, WA; EAA Arlington Fly-In 360-435-5857 www.nweaa.org
Jul 18-21	Vancouver, WA; ShortWingPiperClub Convention, www.columbiariverswpc.org/ConventionPg.htm
Jul 25-31	Oshkosh, WI; EAA Oshkosh Fly-In; 920-426-4800 www.airventure.org
Aug 19-21	McMinnville, OR; NWAAC Antique Aircraft Fly-In; www.nwaac.org
Sep 3	Prosser, WA; Prosser States Day Celebration & Fly-In 509-786-3177 www.prosserchamber.org/states_day.htm
Sep 9-11	Hillsboro, OR; Oregon Int'l Airshow—Hillsboro; 503-629-0706 www.oregonairshow.com



Tim James' 2002 GlasStar (N141TJ)

Sep 15-19	Reno, NV; Reno Air Races; www.airrace.org
Nov 3-5	Tampa, FL; AOPA Expo; www.aopa.org/expo/2005

Chapter Calendar

Mar 5	Pancakes & Grits Breakfast at Twin Oaks
Mar 10	EAA 105 Chapter Meeting @ 7:00 PM Annual visit to Van's Aircraft, Aurora.
Mar 17	EAA 105 Board Meeting @ 7:00 Location TBA
Apr 2	Pancakes & Grits Breakfast at Twin Oaks
Apr 14	Chapter Meeting: Visit to Randy Lervold's RV-3B project, Vancouver
Jun 18	Van's Air Force-Homewing / EAA 105 RV Fly-In
Aug 13	EAA 105 Poker Run

Editor's Notes

Benton Holzwarth



"Turbo" Tom Wyatt, author of many aircraft power-plant articles was killed in an automobile accident, along with his girlfriend. The obituary can be read at www.tinyurl.com/4b7r4

It's felt like an early spring with all the clear weather we enjoyed in February. (I can say that, I'm not a skier!) I expect we'll pay for it with a prolonged gray spell once everyone has their planes washed and ready to go.

Fly safe.

One-Day Gyroplane Design Class!

April 14, 2005. Saturday. 9:00 AM to 5:00 PM in Monterey, California.

Learn how simple it is to design a safe gyroplane! Using a PC, Windows 2000/XP, you will go thru the steps of designing a gyroplane. Computer programs include: Performance, Propeller Optimization, Rotor Blade Design, Rotor Loads, Landing Gear Design, Jump Start, Stability and Control. Also learn about composite materials and flying the gyroplane. All programs in Modern Gyroplane Design and a workbook and lunch are included. Cost is \$395.

First and only class in the world on gyroplane design. Sign up now!

For more info on other design classes look at our website at www.aircraftdesigns.com under CLASSES or call 831-649-6212. Advanced registration is required!

Board Meeting Highlights

Your Chapter 105 Board

The meeting was held on February 17, 2005 at Benton Holzwarth's house, and was called to order shortly after 7:00 PM. Warren Frame, Richard VanGrunsvan, John Halle, Joe Blank, Jim Pace, Rion Bourgeois, Randy Lervold, Jenn Hickman, Jim Mitchell, Joe Miller and Benton Holzwarth attended.

- The January meeting minutes were adopted without changes.
- Rion has previously circulated his proposed agreement with the Stark's for the chapter's lease of two adjacent hangars in the new row being built at Twin Oaks. There was some discussion regarding the details of insurance and our ongoing use of the current hangar. The club will retain use of the main hangar for 14 'uses' per year, to cover the First Saturday Pancake Breakfasts, plus two additional uses to cover the Poker Run and Holiday Pie Auction. Additional uses can be had for an additional fee.
- The Starks will extend the same fee arrangement to our current hangar tenants as the club previously had. Overall, we believe our monthly costs will be no higher than before, and the Stark's will have use of the main hangar for other groups (OPA, SWPC, etc) choosing to hold their meetings at Twin Oaks. Rion was authorized to enter into the agreement with the Stark's.
- Improvements to the new T hangars: The new hangars are supplied with nominal electricity. Our use will include power tools, compressors, etc, so we'll be improving the new hangar with additional electrical service. A price of ~\$3200 was bid to string additional wire to the new hangars, and install a breaker box for distribution. This improvement was approved by vote of the board.

- Hangar Improvement Committee: Now being formed. Rion, Mike McGee, Randy Lervold and Tom Louris are the initial members. One plan is to install a 'mezzanine' in the hangar for additional meeting space above the shop floor. The chapter has been offered some newer furniture which may find its way to the space. Other ideas are being considered for how to organize the work space. Folks with ideas or skills to contribute are welcome to join the working group.

- The Bogardus Trust, administered by a group of trustees and led by Dick VanGrunsvan separately from the chapter's accounts, presented its annual report to the assembled board members.
- Builder Motivation Day: (Randy L) Will take place May 7th, the first Saturday. Originally BMD was a day for RV builders to re-energize through mixing with the flying RV group. We're working to set up a Motivation Day to accommodate all chapter members.
- Green Lathe: (Benton H) Still no progress.
- Upcoming meetings: March, the annual visit to Van's Aircraft in Aurora; April, RandyL's RV-3 in Vancouver; May, hoping to host the SpaceShipOne program Mgr.
- Young Eagle Activities: Our YE Coordinator of the last several years, Harvey Cheney, has decided he needs to relinquish the post. Thanks Harvey for all the time and effort you've put into the task. The chapter is now in need of someone to step into the role.

Harvey has set up YE flying days on April 2 and 16. Pilots, mark your calendars!

- Refurbishing Chapter Sign: (Woody Hall) Jenny reports progress is being made.
- March Board Meeting Location: Jenny will check on whether the Lake Grove Baja Fresh has a meeting room we can use. When we do settle on a site, anyone interested in attending (all members are invited to join in board meetings!) can contact a board member to see where we'll be.

- Little Gee Bee Restoration Project: (Dick VanGrunsvan) Mike Robertson has hooked up with the PCC Aviation Dept to restore the engine. (A cosmetic restoration - the engine is not expected to run again.) The Independence folks (Chapter 292) have been in touch; they'd like to help out, too. It seems like they may have experience in covering that would be useful.

Over all, reports Dick, he's pleased -- the project continues to move forward at a steady pace. A core of regular workers are making good progress. If the craft is completed ahead of the date the Smithsonian folks are ready to accept it, near the end of the year, we would have an opportunity to display it at various shows ourselves.

- Poker Run: (JennyH) August 13th was selected for this year's event. We've moved it to later in the summer to (hopefully) improve the weather odds. Planning is moving forward.
- Formation Clinic: A few local folks are getting organized to attend the formation clinic planned for the end of April at Mojave airport. Contact John Halle if you're interested in joining in.
- Food Handler's Cards: JennyH reports that she's now taken and passed the Food Handlers test. (Breakfast regulars are all encouraged to get the card.) More interestingly, she reports the test can now be taken 'on line'.



2004-05 Feature Article Index

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

March '04

- Randy Lervold / New Web Site Up!
- Benton Holzwarth / Birds of a Feather — Special Interest Groups
- Mike McGee / Feb Meeting: Randy DeBauw's RV-10

April '04

- Dick VanGrunsven / Little Gee Bee Restoration
- Mike McGee / March Meeting: Van's Aircraft at the Aurora Airport

May '04

- Carl Dugger / Chkalov Update
- Mike Robertson / OK, NOW What Did I Do?
- Randy Lervold / A Perspective on Testing
- Mike McGee / April Meeting: Ralph Hudson's Strojnik S2 Motorglider
 - Bob Duncan / Balanced Lobbying at the Port of Portland
 - Amit Dagan / A Methodology for Planning Your Wiring Process
 - Randy Lervold / Window of Vulnerability
 - Denny Jackson / Denny Jackson Takes Flight

June '04

- Joe Blank / N6810B's First Flight
- Don Hammer / What I Did on My Summer Vacation: Three Days on Lake Washington
- Jenny Hickman / It's Poker Run Time Again!!!
- Carl Dugger / Excitement Builds for the Russian Visit to Chkalov Days Celebration
 - Mike McGee / Getting ready for the 13th Annual Northwest RV Flyin
 - Amit Dagan / Do You want To Do It On The Table,

Or Would A Mattress Be More Comfortable for You?

- Mike McGee / May Meeting: the Hillsboro Airport — Mike McGee's Alternative Engine Showcase
- Nat'l HQ / Pilot and Actor Harrison Ford Accepts Chairmanship of EAA's Young Eagles program
- Benton Holzwarth / AOPA Fighting for Crosswind Runway at Mahlon Sweet Field, Eugene
- Jess Frost / Benefit Dinner for Chkalov Cultural Exchange Committee
- Bob Duncan / Port of Portland -- Community Meeting on HIO Airport Noise and Helicopter Issues

July '04

- Jerry VanGrunsven + Jerry & Judy VanGrunsven, Paul & Joan Good / Alaska!
- Amit Dagan / NW RV Flyin—"On a Day Like This You Should be Flying."
- Benton Holzwarth / NW RV Flyin—A First-Timer's Visit to the VAF Homewing Fly-In
- Amit Dagan / A Custom Ground Block
- Benton Holzwarth / June Meeting: Dietz Airpark — Ken Scott and Ken Krueger's Scratch Built Pipsqueak Project

August '04

- Mike McGee / The Third Annual Chapter 105 Poker Run
- Jerry VanGrunsven + Jerry & Judy VanGrunsven, Paul & Joan Good / Alaska! Pt. 2

September '04

- Ann Marie Smith / IAC-67 Event Notice!! Earn Your IAC Smooth Patches!
- Marcy Lange / Thank You, Thank You, Thank You
- Randall Henderson / Hillsboro Airshow EAA Flyby
- Randy Lervold + Cassie Lervold / Formation Flying
- Amit Dagan + Gail Dagan / First Flight -- The Toolmeister's RV-7
- Mike McGee + Dunstan Fandel / Aug Meeting: Aurora Airport -- Kent Byerley's RV-9A

October '04

- Carl Battjes / The Joy of Slow and Simple
- Randy Lervold / Formation Flying Materials Now Available
- Benton Holzwarth / Progress Report: Randy Griffin's RV-8

November '04

- Randy Lervold / New Prop Balancer Program!
- Amit Dagan / WHEN'ZITGONNABEDONE?
- Mike McGee / Oct Meeting: Hillsboro Airport — Condition Inspection with Randall Henderson, Dan Benua and Randy Lervold

December '04

- Randy Lervold / Are You Off Balance?
- Amit Dagan / Phase 2, First Flight or The Next Question After the Whenzitgonnabedone
- Brian Moentenich / A Review of RV Accidents in the Last Year
- Benton Holzwarth / Nov Meeting: Twin Oaks Airpark -- Mike Robertson on LSA & LSP Rules and our Annual Pie Auction

January '05

- Amit Dagan / Thermodynamics and Applied Material Sciences in Plexi-land or What Size to Drill the Holes in the Canopy
- Dick VanGrunsven / Little GEE BEE Restoration Project
- Don Hammer / Demystifying the Taildragger (Part One of Two)

February '05

- Amit Dagan / Can You Hear Me Now?
- Benton Holzwarth / January Meeting at the VanGrunsven Sunset Shop: History Lessons and Restoration of the Bogardus Little GEE BEE
- Don Hammer / Making Sense of the Enigmatic Wheel Landing (Part Two of Two)

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 or adjusted by contacting the editor. Last issue indicated by [mm/yy].

Classifieds

Amit's Stuff For Sale + Offered to the Local Group First

Check the retail price and make me an offer: Position lights (Aeroflash, non PMA) one green, one red (Wicks 073-0529g12, r12) for 12 Volts; Over-Voltage protection module (B&C OVM-14); Large starter button with special boot (ACS P/N SPB01); Glare shield guard (Cleveland acft tools P/N GSE54); Magneto wires pass through the baffles with this wire seal (two-wire) (ACS #375); Rudder cable fairings (2 pairs, made from aluminum); VHF (Comm) bent whip antenna (ACS P/N 11-00647); 3/32" clecos (silver, from Van's) 1 or 2 hundred; 1/8" clecos (copper, from Van's) 1 or 2 hundred. Amit Dagan 503-292-9780 or amitdagan@hotmail.com [05/05]

Continental A-65 engine — completely disassembled for your inspection. Price is \$5000 firm. All parts have been inspected & yellow-tagged by Premier Aircraft Engines of Troutdale, Oregon. Cylinders are .015" oversized. They have all new intake and exhaust guides, all new keepers, and all new Stellite (100 octane) exhaust valves (part number 21479). Crankshaft is standard. Cam is new. Case and accessory cover checked for cracks. Everything else has been inspected and found airworthy. Does not include any accessories. Pistons and rods to convert to 75hp are available. Mark Pearson neat1s@yahoo.com or 503 740-3853 [04/05]

RV-4 Empennage — 90% complete. Avery's RV builder's tool set (the big one) with extras including pneumatic squeezer and extra yokes. Clarence Potts 503-670-9060 [04/05]

RV-3 for Sale — 0-290 power, about 900 hours engine and airframe, free of electrical system, lights, and avionics, finished about 1982, flew through summer of 2002. \$13,000. call Irv Kurz, 503-621-9649 [03/05]

3HP Air Compressor for Sale — 20 Gallon tank with wheels. Oil lubricated, belt drive. 15A @ 115V. RV construction veteran. \$125. Call Dan Benua 503-702-5387 [03/05]

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

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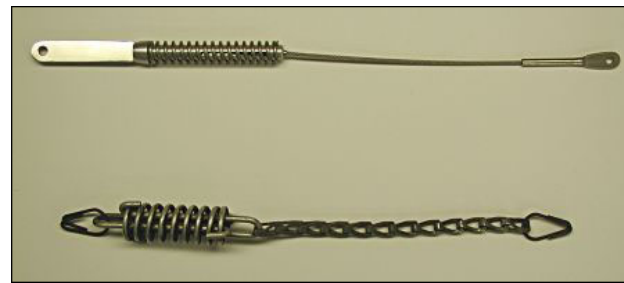
Duckworks Landing Lights — Standard kits start at \$75. Round Halogen and Xenon HID lights are available for new installations and upgrades of our kits and others. For details/pricing see www.duckworksaviation.com or call 503-543-2298

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

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



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



Michael Satrum's 1946 Piper J3 (N91986)



June Powers' 1953 Cessna 195 (N2113C)

“Contact!” Chapter Officers and Staff		
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Portland/Twin Oaks EAA Chapter 105 Membership Registration / Renewal Form



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

Send to: Jennifer Hickman
 24172 S. Skylane Dr.
 Canby, OR 97013

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 Home Ph: _____ Pilot Ratings: _____
 Work Ph: _____ Additional (help for other builders?): _____
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 Spouse's Name: _____



Next Meeting

VAF-Home Wing / Chapter 105

- Van's Aircraft Factory
- Thursday, March 10, 2005 at 7:00 PM
- 14401 Kiel Rd., Aurora, OR (S. end of Aurora airport)
- See map, pg. 4

Chapter 105 Board of Directors Meeting

- Thursday, March 17, 2005 at 7:00 PM
- Location TBA, Contact a Board Member for Info



Editor:
Benton Holzwarth
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Tigard, OR 97224-5570

To:

HOME WING **EAA Chapter 105**
Portland, OR — Twin Oaks Airpark 7S3

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