



**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

George Bogardus and the George and Lillian Bogardus Memorial Trust Fund

EAA Chapter 105 has a unique relationship with experimental aviation. It is the beneficiary and steward of the legacy of George Bogardus, the Oregon pilot who was instrumental in establishing the experimental type certificate. In the late 1940's and early 1950's, Mr. Bogardus flew his homebuilt, the Little Gee Bee, back to Washington D.C. three times (and drove once) to demonstrate to the federal Civil Aeronautics Board (now the FAA) that homebuilt aircraft were worthy of certification. It was through his efforts that we are able to build and fly our own aircraft.

When Mr. Bogardus passed away in 1997, he left his entire estate to EAA Chapter 105, including the remains of the Little Gee Bee. The chapter used the major portion of the estate to establish the George and Lillian Bogardus Memorial Trust Fund to support local aviation oriented non-profit corporations, and to fund aviation related scholarships. A picture of Civil Air Patrol Cadet Justin Wilkens, a recent recipient of a Bogardus Trust glider pilot scholarship, appears herein. In his recent report to the Bogardus Trustees, he wrote:

"Thank you for the generous scholarship that you awarded me last spring. It is playing a major part in the advancement of both my near-term soaring goals, and my longer-term career goals....My ultimate goal is to become an officer and fly for the Air Force."

The chapter still owns the remains of the Little Gee Bee. Dick Van Grunsven has it stored in his shop at Sunset Airpark, and is looking for volunteers with wood and fabric aircraft construction experience to help in its restoration so that it can be displayed in a museum. If you have such experience and are willing to contribute your time to the project, please call Dick at Van's Aircraft in



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Civil Air Patrol cadet Justin Wilkens was a recent recipient of a George and Lillian Bogardus Memorial Trust Fund scholarship.

Aurora. Dick also needs volunteers willing to help with the dirty work of sandblasting the steel tube fuselage, and chasing parts and supplies.

Chapter member Stan Van Grunsven has also begun the restoration of the Little Harlequin engine from George's estate. This engine was used in a Les Long design and one or another of the Van Grunsven clan actually flew behind it. It uses ancient Harley-Davidson parts, and Stan is trying to find or fabricate what is necessary to actually get it running. Successful or not, the attempt should be worth a program at a chapter meeting.

Breakfast News

The chapter served 250 at the February breakfast, which was blessed with good flying weather and abundant volunteers. We passed our annual surprise health department inspection without a single demerit. Under the guidance of Char Miller, Jenny Hickman, and the other regulars, the breakfast continues to roll along like a well oiled machine. You can tell the regulars by their fancy aprons. You, too, can join this elite group by volunteering on a monthly basis.

Young Eagles

Although the goal of one million YE flights has been reached, the program carries on. Those of you who heard about that atrocious CBS "news" story about the security risk allegedly posed by residential airparks (no this is not one of my tongue-in-cheek tall tales) can understand why it is so important that we continue to give youngsters a taste of aviation. Even if they don't go on to become pilots themselves, they at least learn something about aviation and are less likely to fall prey to the Chicken Little sky-is-falling syndrome exhibited by the producers at CBS. Harvey Cheney is our Young Eagles Coordinator, and he is trying to put together a list of YE pilots that he can call periodically. The chapter is plan-

ning on holding several YE events this year, and it really makes Harvey's job easier if he has a list of pilots to call or e-mail who have indicated that he is likely to get an affirmative answer when he pops the question for an upcoming YE event. Remember, you have to be a member of the EAA and have liability insurance coverage on your plane of at least \$100,000 in order to qualify as a YE pilot and the EAA's \$1 million umbrella policy's coverage. If you are willing to be added to his list of potential YE pilots, please call or e-mail Harvey at 503-647-7546 or hncheney@cfaith.com.

A Little Humor

The board meetings are now held the third Thursday of the month at 7:00 p.m. at the Twin Oaks hangar. Those who attend not only get to witness the nitty gritty of chapter business affairs but get the benefit of my traditional end-of-meeting joke. Some are more well received than others. My "low tech fax" joke bombed, but here is one that even our joke connoisseur treasurer Jenny Hickman laughed at: A couple drove down a country road for several miles, not saying a word. An earlier discussion had led to an argument and neither of them wanted to concede their position. As they passed a barnyard of mules, jack-asses, and pigs, the husband asked sarcastically, "Relative of yours?" "Yep," the wife replied, "in-laws."



Housekeeping

Randy Lervold — Chapter Database Keeper & Webmaster



Membership Currency

The board recently approved some guidelines for membership currency: mail newsletter subscribers will be moved to the "expired" file after a grace period of two months, e-mail subscribers after three months. "What's my renewal date?" Mail subscribers will always find it on their address labels, e-mail subscribers will find it in the e-mail sent every month that provides the download link.

E-mail Currency

If you change your e-mail address please remember to send me the new address also otherwise you're at risk of not receiving the newsletter notification and link.

Electronic Newsletter Delivery

Let me again appeal to those members still receiving b/w US Mail delivery... please consider trying the electronic version. I realize we'll never get 100% of you, but getting the newsletter faster, and more importantly seeing it in bright vivid color makes it a much better experience. The procedure is that you receive an e-mail each month announcing that the newsletter is ready for download and providing the secret download page address. You click on the link, go to the page, right-click on the newsletter link, and download it to your computer. Easy. If you'd like to try it just send me a note (randy@rv-8.com) and I'll send you the link -- if you like it you can then switch.

...Randy

Rick Martinez' Davis DA-2A. Rick hales from Port Townsend, WA. Arlington 2003.

New Web Site Up!

Randy Lervold –
Chapter Database Keeper & Webmaster

Chapter 105 is a Community

Just like any other group of people with similar interests, Chapter 105 is a community. And one of the most important ways to build and foster a sense of community in this day and age is with a web site. A properly crafted web site provides all sorts of current information to members on a timely basis. Also important, it attracts new members by letting potential new members get a feel for what the group is all about. In essence it becomes a virtual town square -- a place where you can go to get the latest information about what's going on.

For a group such as Chapter 105 it can be even more. For example, most members do not have the wherewithal to put up a web site to document or show off their aircraft project, yet most would like to be able to show friends and family what they are working on. Our web site can easily provide a page for each member to post pictures and basic information about their project and that's one of the features our new web site will

have.

New Website is Now Live

I have been working on a new web site for the past month and am pleased to announce that it is now live. I must quickly add however that only the fundamentals are up right now, there is still much to do. I am in the process of finishing the basics and also incorporating all of the content Randall had accumulated on the Home

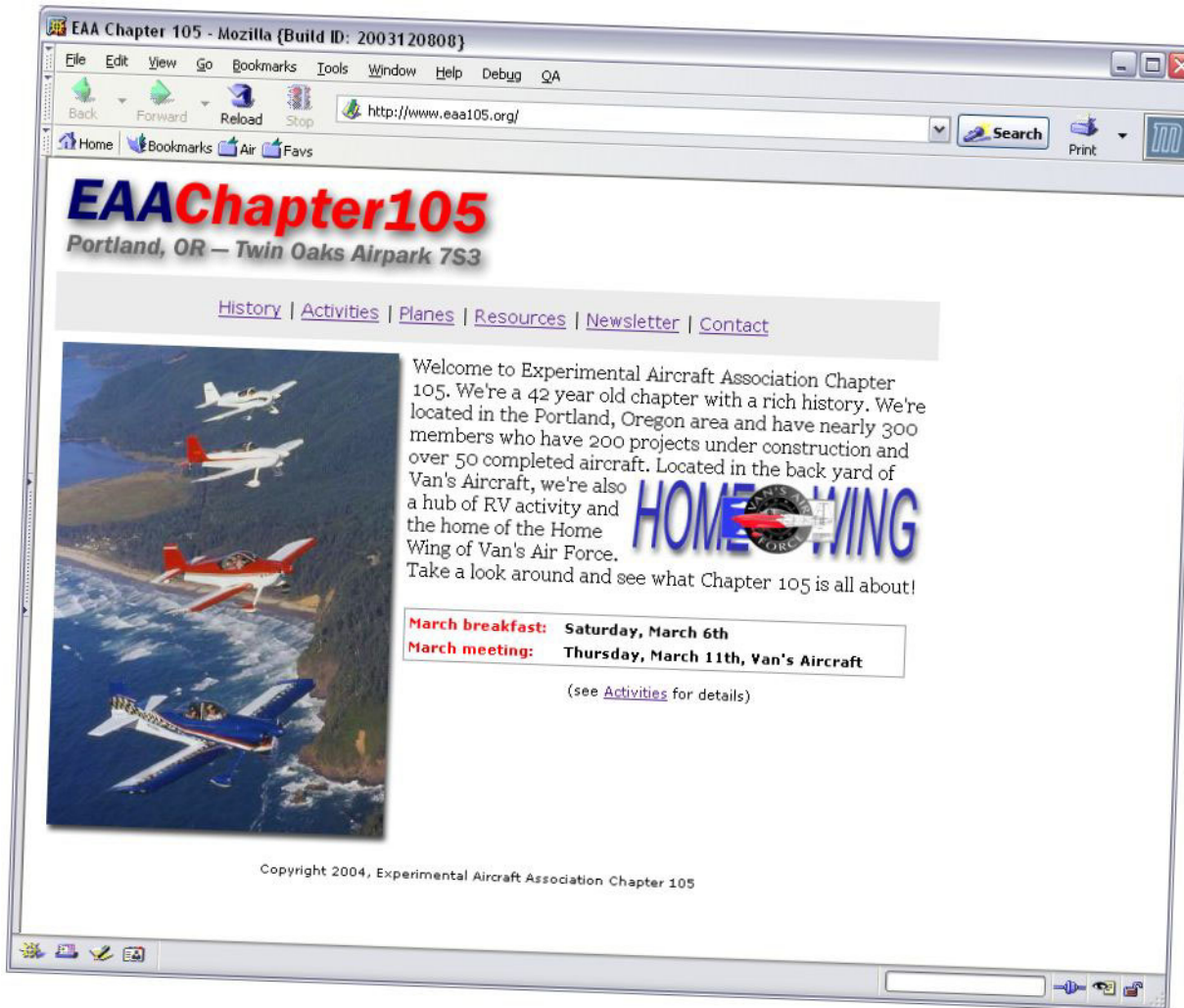
Wing web site. I'll be steadily migrating this content as well as working on other features over the next few months. Within the next month Randall will forward the Home Wing domain (www.vanshomewing.org) to our Chapter site (www.eaa105.org).

So, stop by www.eaa105.org and check it out and set a bookmark/favorite in your browser so you can stop by often. And if you'd like to be listed in the "Planes" page and have a page on your own project just e-mail me a few pics and captions for each. Guidelines: if you have your own site I'll just provide a link. If you don't each member is entitled to one page of reasonable length, say up to 10 pictures. Again, just e-mail me the pics with captions and whatever other text you'd like listed and I'll get it put up. Imagine, being able to send a web link for your page to your mother in Peoria, won't she be proud?

Just the Beginning

Our site will of course evolve to meet the needs of the Chapter, what's up now is just a first step, so if you have ideas about things that would be useful just let me know. In the mean time I hope you find it useful.

...Randy



Birds of a Feather — Special Interest Groups

Benton Holzwarth



Shared Interests

One of the fundamental functions of a chapter has been and will always be to help members with questions in specific areas to connect up with others who share their interest, or have the information or experience sought.

In years past, Chapter 105 has tried some different mechanisms to help folks with like interests get together. Ten years ago, an extensive 'shopping list' of interest areas was included with, and a space was designated on the renewal form, for members to show the 'item numbers' for their interest areas. The list ran to 25 or 30 areas! The concept was for members to then see the roster books, with each member's interests highlighted and for the members to gather themselves into groups to share information.

What's Your Interest?

The RV group (the Home Wing) has met to pursue their mutual support function for years; the Design Group has met with little fanfare, to kick around design-related topics. The Lancair and Glasair builders have an informal group to assist each other. There are people pursuing alternative engines and particularly Mazda rotaries for their projects. If you have something to contribute to that conversation, they'd like to talk to you. Interest areas can include construction types, flying goals (X/C? Bush? Formation?) or any other dimension.

Getting Started Today

There are many different focus areas members could choose to congregate around. I don't think it'd be practi-

cal for us to just throw the whole list out again and try to organize meetings around every area, but if you have a subject you'd like to explore more deeply, the chapter is here to facilitate your finding people with similar interests. If there's any way we can help get individuals together, we're ready to help. Speak up at a chapter meeting, and send the editor (me, benton@siletzbay.com) a draft notice for the newsletter. The chapter hangar can be used for meetings, if you'd like. When you've assembled a group, we can add coverage in the newsletter and a listing on the 'Resources' page of the chapter website.

'Birds of a Feather' is the catch-phrase used at the conventions I'm familiar with, for groups of folks with mutual interests to gather. It seems particularly apropos for fliers with combined interests.

A Found Brothers FBA-2C1 "Bush Hawk" at Arlington 2003.



Second Saturday Kid's Series Speakers for Kids

Hangar Flyin' Tales - Women Fly Too March 13th

A. A. Khat loves to fly! A member of the 99s, Whirly Girls, OPA & EAA, she flies helicopters, her Cessna 150, and will fly the RV9A experimental airplane that she's building while working towards certification as an Aircraft Mechanic (AAP). Women flying and some of her flying experiences will be shared.

The series runs every second Saturday from 10 to 11 AM at AEROFRAME Gallery, located at the intersection of I-205 & 99E (McLoughlin Blvd.) in the Oregon City Shopping Center, two doors north of Fisherman Marine Supply.



Meeting Coordinator:

Randall Henderson

503-297-5045
rv6n6r@comcast.net

EAA Chapter 105

Portland, OR – Twin Oaks Airpark 7S3



March 2004 Meeting

Project: Van's Aircraft Factory

Address: 14401 NE Keil Rd.

Aurora

Date: Thursday, March 11, 2004

Time: 7:00 pm

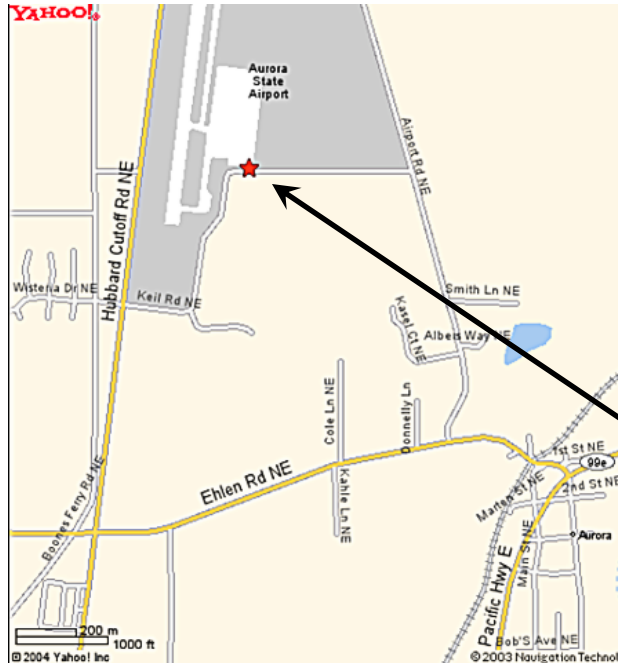
Phone: 503-678-6545

[This *Next Meeting* section has appeared under the Home Wing banner for the last few issues. We'd like to emphasize that the meetings are for ALL Home Wing and Chapter 105 members. Please come join us! -ed]

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.



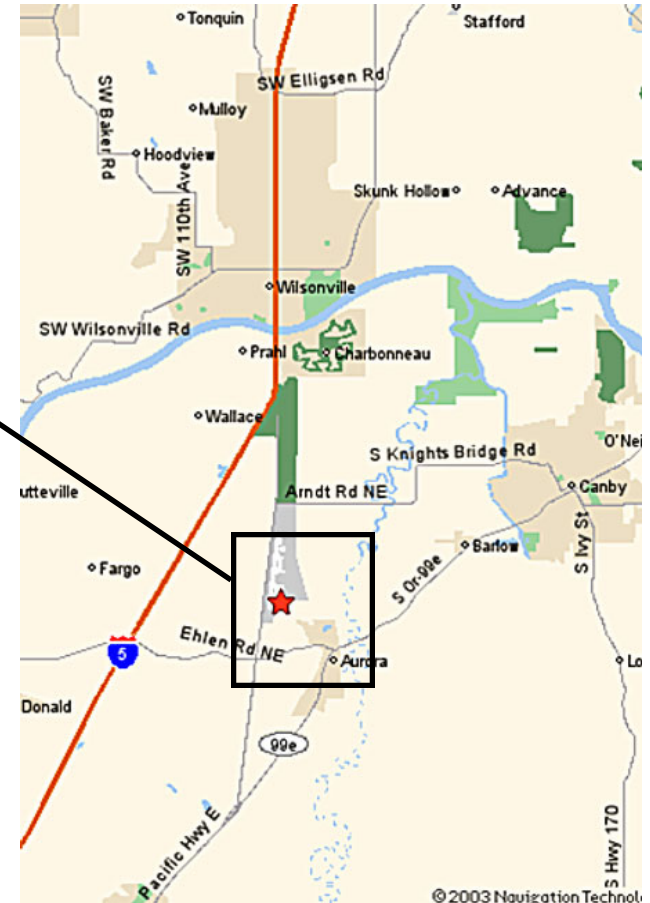
Flying:

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 oregon-rvlist email list.

Be sure to follow the published noise abatement procedures.



It's that time of year again. We look outside and there's more and more blue sky, not just because it isn't gray but the day is getting longer. It's also the time of year when we start getting volunteers for the annual RV Flyin in June.

*13th Annual Northwest
RV Flyin
June 19th, 2004
Scappoose
Industrial Airpark*

As the flyin coordinator this year I've been getting the preliminary things going for this years event. We have a new/transitional staff this year with most all of the old guard standing by to guide and assist as needed.

I am still looking for two crew chiefs for the Flyin-Auto Parking and Ground Control Radio. If you're interested, drop me a line at mike.mcgee@onemain.com with RV Flyin Crew Chief in the subject line.

Crew Chief Roster:

- ⇒Food: Marcy Lange
- ⇒Ground Setup: Harmon Lange
- ⇒Aircraft Parking: Don Wentz
- ⇒T-Shirt Sales: Randy Lervold
- ⇒Advertising: Randall Henderson
- ⇒Ground Radio: ?
- ⇒Auto Parking: ?

And now, all of you that want to help on the big day, send me an email to and volunteer for a half an hour slot to help keep the flyin running smooth. Don't be shy, you won't be working all day, just half hour shifts so everyone gets a chance to look at the planes and get a bite to eat.

Expect to see a few vendors, something that worked well last year. And for something new, some alternative engine powered RVs on display with their cowlings off for inspection.

Looking forward to another great year.

MGM



Future Meetings

[March—Van's Aircraft, Aurora](#)

[April—Ralph Hudson's Stojnik S-2A](#)

[Motor Glider, Portland](#)

[May— TBD](#)

[June—Ken Scott/Ken Krueger](#)

[Pipsqueak, Mulino](#)

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. If you have a different sort of presentation that's fine, this is not a "required questions" list, just some suggested topics. Just let the meeting chairperson know how you want to handle it before the meeting starts.
- A program. Once we get through the business part of the meeting, you'll be expected to talk about your project for 20 minutes or so. For example, people usually like to know:
 - Anything in particular that led you to choose this particular project?
 - Any 'gotchas' to let others know about?
 - Any cool techniques or tips to pass on?
 - What would you do different next time?
 - Have you used a TC? Do you plan to use a Flight Advisor?
 - What kind of primer did you use? ;-)

If you have a different sort of presentation that's fine, this is not a "required questions" list, just some suggested topics. Just let the meeting chairperson know how you want to handle it before the meeting starts.

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

This Month's Contributors



Mike McGee
HW Editor / Chapter
105 Associate Editor

With Navigator/
Proofreader.



Above: Some of the forms and samples near the hydroforming press.
Below: The Garden of Earthly Delights.

It sounded like a great meeting. Everyone got to see their first RV-10 in the making. Randy DeBauw hosted the chapter and I hear had a packed house. (Yours truly was busy tearing it up in the Rocky Mountains of Jackson Hole, WY and didn't make the meeting.) Many thanks to Benton for the pictures he contributed.



February Meeting at *Randy DeBauw's RV-10*

I made it over to Randy's a week prior and got some shots when there wasn't a crowd. Randy and his able assistant Jim Hilger have been keeping to a busy schedule. Around the first of February they had 449 hours in the log book and were working on the leading edges of the wings. At the rate they were going Randy expected to be done with the wings before he could order the fuselage kit which will be available in April.

Looking at one of these tail kits at first glance you think you are looking at most of a fuselage for your typical 2 seat RV. As you would expect, everything is super sized.

David Santiago, a guest speaker, talked about the instrument panel shop at Lancair in Redmond, OR. They don't just do Lancairs anymore. Given that the most popular experimental class airplane is an RV, they've taken a shine to aluminum...so to speak. You can have your custom instrument panel built by them. We may see more of these shops in the future since Garmin pulled the rug out from under the homebuilders and will only sell to shops now.



Lots of handy air tools and lots of handy air supply.



*Left: Randy and Jim pose with the empennage.
Center: Holding court over the Horizontal Stab.
Right: Looking down the unclosed wing.*





..Yes, Martha, this is a part of the TAIL kit!!

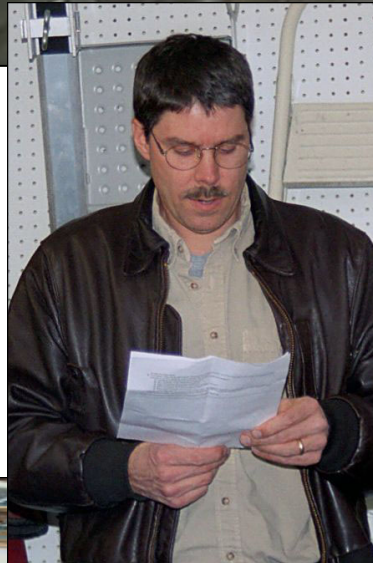
Above Left: A 7 o'clock view of the tail cone

Above Right: Looking over the back seat passenger's shoulder into the tail cone.

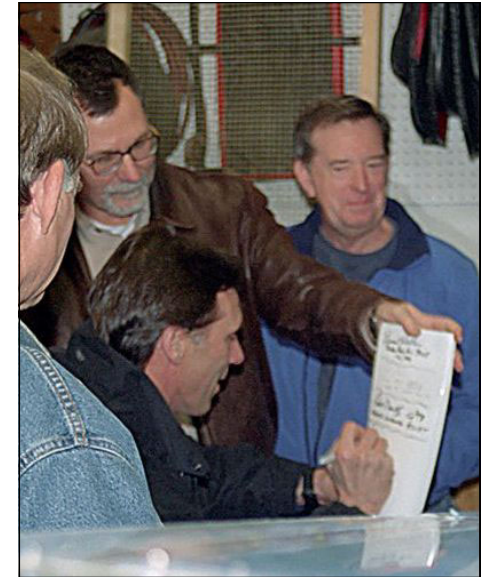
Below: Carl Dugger, Mike "Das Fed" Robertson, and Randy scrutinize a rivet.



Left: Randall runs the meeting
Below: David Santiago talks about the custom instrument panels that are being built by Lancair for customers that are building other planes, not just Lancairs).



A heartfelt moment as Randy Lervold signs the Broken Prop Award. Randy was caught by a gusting cross wind in his beautiful RV-8. Thankfully neither he or his pax were injured, the plane will fly again.



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.

Board Meeting Highlights

Your Chapter 105 Board

19 Feb 2004 - 7:00 PM - Jenny Hickman, Mike Robertson, Joe Miller, Benton Holzwarth, Rion Bourgeois, Carl Battjes, Jim Mitchell, Ralph Schildknecht, Brent Anderson, Mike Psiropoulos, Jim Pace, Harvey Cheney, Randy Lervold, Mike McGee and Holger Stephen attended.

- 13th Annual RV Fly-In sponsored by Chapter 105 and Van's Airforce Home Wing - Mike M gave information on the 6/19 13th annual NW RV fly-in. Mike is assembling his team of area chairmen. Someone from 902 is helping. Marcy Lange is heading up the Food area and Harmon Lange will lead the ground setup. Tee-shirts are being designed, and Randy L will head up sales. Randall H is organizing vendors. Will keep the Port of St. Helen's informed of plans.

- Jenny gave a treasurer's report.
- Poker Run - Date has been chosen and is in the chapter calendar and will be 6/26/04. A cafe at Astoria will be used if they're willing to help instead of Independence since Annie's has closed. Other sites will be the same as prior years. Brent A has route planned and will talk to Astoria folks. Suggestion was made to charge a nominal entry fee of \$10 to \$15 and would cover the cost of the t-shirts and make the event self-funding. Jenny H said we were charging \$10 to Chapter members and \$15 to non-members.

Can we get a vendor to donate a Lightspeed headset or something similar? Should we buy a trophy or make one? Mike McGee suggested a com radio that also plays music when there is no a/c traffic. Last year's prizes were well received. Brent A can get coffee mugs, etc. with etched Poker Run logos. Final decision was put off until a future meeting.

- Calendars - Benton passed around the chapter 902

calendars. Suggestion is to do one for 105 with our airplanes and chapter events. We shouldn't order too many as we don't want to have any leftover. Project needs committee chair - Benton was appointed. Randy Lervold will assist.

- Aluminum Overcast - 17 - 21st June for B-17 EAA. 902 will supply volunteer and sales chairmen. Event will take place at HIO as in previous years. Rion will talk to Bob Strickland about flying his students (YE Rides) either at HIO or at Scappoose on the 19th.

- YE - Harvey doesn't yet have dates for flights. Basically an issue assembling pilots. There is a group of Naval Sea Cadets from Astoria and Boy Scouts from Battleground who will be next. Possible dates might include 1st Saturdays in May and June after breakfasts.

- Grace period for non-paying members - Board agrees with suggested 2 months for mail members, 3 for email members. Randy highlights paper mail overdues on the mailing label and email folks see their renewal dates on the download notification. Combined (105 + Home Wing) members are subscribed to the later of their dues in 105 or HW. Randy will put a roster together and make it available for download and then have some copies available at breakfasts for \$1 each.

- Randy was able to rescue our domain. He has built a new website and thinks the March 1st date will be ok for rollout. URLs will include www.eaa105.org and www.vanshomewing.org.

- Special Interest Groups (SIGs) and design group - Carl B passed around a list of SIGs that was developed in '94. The design group SIG currently meets monthly. Only 2 of these people are 105 members. The original list was meant to have folks show their areas of interest so that after the roster was published they could find like-minded individuals and could take the initiative to get together and work on their common interests. Action item for next month is to revamp the current list. Suggestions included putting a notice in the newsletter and

see who's interested in what. Mike M is interested in propeller SIG and carving your own. Auto engine conversions may be another good SIG. Carl, Mike and Benton will exchange emails and come up with an article for the newsletter.

- New Hangar - Discussions continue towards space for the chapter to build a hangar of our own.

- Quartermaster - Rion suggested Jim Mitchell be quartermaster along with his librarian post. Jim agreed.

- Broken Prop Award - Randy Lervold endorsed the broken prop award at the last meeting for ground looping his aircraft. He will write an article for the newsletter as instruction to other members.

- Brent A - Pilot recognition for YE pilots issue. Awards such as 10 or more rides get a coffee cup. Accumulations at various levels win incremental awards such as squadron leader, Wing Commander, Top Gun. Brent has a dozen awards he needs to prepare, and will need to get cash for these items. Brent moved, Rion seconded and all agreed to authorize the expenditure. Brent will try to find a celebrity to hand out awards.

- Benton - A/C rescue information. 902 experience was basically an ad hoc event. Keith Pugh said he was interested if we put together a formal group. Benton suggested shelving the issue until we had some other issues taken care of.

- Historical Mat'l - Benton has been scanning in newsletters and will be making info available either for download or CD.

- Last month's minutes were revised and approved.

- Upcoming meetings: March Van's; April Ralph Hudson's Motor Glider; May - Mike Magee's hangar at HIO - Alternative engines.

- Mike R has offered a Light Sport Aircraft brief. Perhaps in April? Or August.

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)

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]

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; Sporty's handheld transceiver with leather holster, NiCad pack, charger, and headset adapter - \$200; Grimes white strobe light (unused) - \$20; Stick Force Gauge - \$15; Shoebox full of misc a/c hardware inc. rod ends, fuel primer, light bulbs, instrument screws, lots of AN rivets (packaged) - \$35 -- Call Mike Bender 503-313-9640 (Ptld) [04/04]

Continental A-75 For Sale — Changing engines in my 1942 Taylorcraft L-2, N47625. Engine Sn 4331468, originally a Cont. A-65-8, earliest log 1955, ~1000 hrs. Overhauled and converted to A-75 06-06-88, at 2239 hrs. At 2338 hrs, disintegrating piston pin caps + bearings, rings, gaskets and seals replaced. Installed new Slick 4333 impulse mags, ignition harness and plugs, 07-17-01 at 2752 hrs. Annualled 02-12-03 at 2894 hrs, total time 2907 hrs as of 11-20-03. Dave Wiley at 503-636-4930 or email at wileyseaplanes@comcast.net [03/04]

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



Ken Panrucker's RV-6 (C-GTWD) at Arlington 2003.

Editor's Notes

Benton Holzwarth

[Via AOPA ePilot newsletter]

AEROBATIC LEGEND

DUANE COLE DIES

Duane Cole, 89, has died in Burseson, Texas. A legendary teacher and 30,000-hour pilot, he leaves behind nine books, a series of videotapes, and an army of students that includes today's top airshow stars such as Patty Wagstaff. He built his career on performance, winning the national aerobatic championships in 1962 and 1964.

[Via AOPA ePilot newsletter]

AVIATION SAFETY PIONEER DIES AT 101

Jerome "Jerry" Lederer, an AOPA charter member (AOPA member number 21) and a legend in the field of aviation safety, has died. He was 101. Lederer was one of the very first to study human factors and their role in aviation safety, and later organized the Flight Safety Foundation. Lederer was born when powered flight was still just a dream and was fascinated by flight from an early age. He received one of the earliest aeronautical engineering degrees and went to work for the Air Mail Service, the world's first successful scheduled air transportation system. Over his long career, Lederer met the likes of the Wright brothers, Charles Lindbergh, and AOPA founding members Abbie and Connie Wolfe.

It's time to appeal, once again, for articles and photos for our newsletter. I'm enjoying putting the paper together each month, but life would be easier, and the issues better for all of us, with a stream of articles on what interests you. Project updates, airshows, fly-outs. Send in a couple paragraphs and let everyone know what you're up to! Take your camera, too!



2004 Aviation Calendar

Brent Anderson

Mar 5-6	Casa Grande, Az (CGZ) 46 th Annual Cactus Antique Aircraft Fly-in Chairman@cactusflyin.org
Mar 11-13	Reno, Nv 15 th Annual Women In Aviation Conference Reno Hilton 386-226-7996
Mar 26-28	Glendale, Az 30 th Anniversary Thunderbird Balloon & Air Classic
Mar 27	Riverside, Ca Airshow 2004 909-682-1771
Mar 29-Apr 1	Las Vegas, Nv 47 th Annual Aircraft Electronics Assoc Trade Show 816-373-6565
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 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
Apr 30-May 2	Carson City RV Appreciation Day Fly-In http://www.vansairforce.net/upcomingevents.htm#CarsonCity
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 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 19	Scappoose, OR (SPB) EAA Chapter 105 and Van's Homewing Fly-in
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	Olympia, Wa Gathering of Warbirds 360-705-3925
Jun 18-20	Marysville, Ca (MYV) EAA Golden West Regional Fly-in 530-741-6248
Jun 19-20	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 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	Las Cruces, NM Land of Enchantment RV Fly-in

“Contact!” Chapter Officers & Staff

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Breakfast Crew Chief	Jim Pace	
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Director & Bogardus Trust Liason	Dick VanGrunsven	



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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: _____

National EAA #: _____

Address: _____

Own / Fly: _____

Project (Let us know what you're working on): _____

City/St/Zip: _____

Home Ph: _____

Completed: Yes / No / 90% done 'n 90% to go: _____

Work Ph: _____

Pilot Ratings: _____

e-addr: _____

Additional (help for other builders?): _____

Spouse's Name: _____

Breakfast Volunteers

Saturday, April 3rd, 2004

7AM

Gary Kaminski
 Charles Lewis
 Bob Patterson
 Lawrence Pimm
 Andrew Plunkett
 John Porter
 Joe Proctor
 Anthony Prutch

9AM

Randy Lervold
 William Kenny
 Art Palmer
 Gene Park
 Dan Parks
 Al Paulson
 Ron Poe
 Kevin Powell

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

Chapter Calendar

Mar 6	HIO Twin Oaks EAA 105 Pancake Breakfast 503-646-8763
Mar 11	EAA 105 Chapter Meeting 503-646-8763
Apr 3	HIO Twin Oaks EAA 105 Pancake Breakfast 503-646-8763
Apr 8	EAA 105 Chapter Meeting 503-646-8763
Jun 19	Scappoose (SPB) EAA 105 Van's Homewing Fly-in
Jun 26	HIO Twin Oaks (7S3) EAA 105 3 rd Annual Poker Run

Note: Meeting is on **Second** Thursday!



Next Meeting –
VAF – Home Wing &
EAA Chapter 105
Thurs Mar 11, 2004
7:00 PM
Van's Aircraft
Factory
 See map - page 5



The Leader In Recreational Aviation



To:

Editor:
 Benton Holzwarth
 EAA Chapter 105
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 Tigard, OR 97224-5570