

Portland RVators

Issue 94.2

February 1994

The January meeting was at Frank Justice's house in Beaverton, OR. Frank is just finishing-up his second wing and readying his shop for the FUSELAGE. Good progress with some really nice work. Remember, Frank is the guy who is writing supplemental instructions while he goes, and from what I hear, they are a great help. I have seen responses from around the country on how helpful his ideas are, so if you are still doing your wings or tailfeathers, get a set of Frank's supplements! Some of the items he showed us at the mtg are the types of things you will see in his effort.

Once again we had a great turnout (>30, I actually remembered to count) with lots of members and some visitors, including a 'mate' from down-under. I hope he enjoyed his visit to the states, and to our mtg. I'm afraid I may have started something with my review of the eats at Dave and Chris's last mtg. Not to be outdone, Frank's wife (what a clod, I don't remember her name) had quite a variety of goodies waiting for us, with more showing-up as we munched. While i know the gang would eat just about anything you put in front of them, I'm sure they appreciated the feast she had for us. Thank you!!!!

Bill Kenny brought-in a fast deburring tool, basically a deburring cutter in a battery powered screwdriver. Excellent for those wing skins with several hundred holes to debug (both sides!). He obtained a hex fitted cutter (from Avery?), but you can also chuck your threaded type deburring tips into a battery powered drill; the chuck won't hurt the threads.

Dave Locke made some 'remote bucking bars' by epoxying some steel chunks to about 1/3 of the handle-end of cut-off golf clubs. He and partner Chris Lund found these to make reaching-in under those skins real nice. (They looked like some kind of heavy duty putter for really short people!) Actually, real men, like Brent Anderson, just contort their way into the nether reaches of the wings, and if you lose a little skin or blood along the way, what the heck!

Overall a great mtg with lots of participation and information from the whole group. Thanks for hosting-us Frank, and all of you who shared tools/ideas.

Next Meeting:

Place: Randall Henderson's House 7233
SW Benz Park Court Portland

Date: February 10, 1994

Time: 7 PM

The next meeting will be held at "The Big Ugly", Randall Henderson's workshop. Randall is finishing up his RV-6 wing spars. He is set up to rivet one using the Avery tool and a big hammer so you will be able to try your hand and see how easy it is. We would appreciate it if those of you who own big squeezers or heavy-duty rivet guns would bring them in and demonstrate how they work. For any of you who are worried about whether or not you can do your own spars, don't miss this chance to see how it's done!

As always, bring in any great gimmicks, tools, methods, etc. that you have run across and have not been shown at a recent meeting. Remember, we have a bunch of new builders.

I will be looking for places to hold the next couple of meetings, so if you plan to be at an interesting point in the next couple of months let me know.

It also occurs to me that the meetings would be a good place to swap tools, templates, and fixtures, so bring anything in that you can loan out to save someone else time. Be sure to put your name on it if you want to keep track of it; people forget who they borrow from. By the way, will whoever has my trailing edge bender and stabilizer skeleton fixtures please let me know; I forgot who has them.

By the way, my instructions for wing construction seem to be about finished. If you want a set brought to the meeting give me a call at 590-3991 evenings.

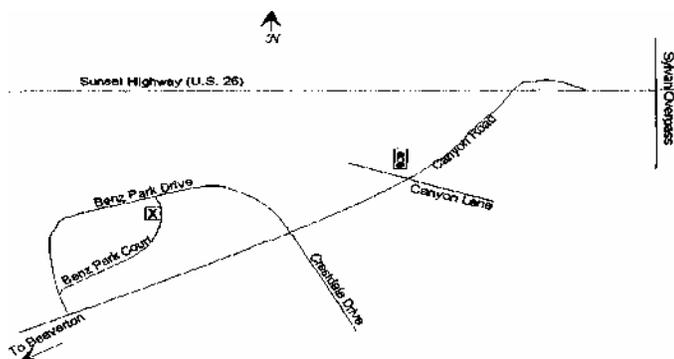
Frank Justice

Randall Henderson
Address: 7233 SW Benz Park Court, Portland
Phone: 297-5045
Description: Gray house with white trim

From Portland: Take US 26 westbound and take the Canyon Road exit, go one block beyond the first light, turn right on Benz Park Drive, then left on Benz Park Court.

From Beaverton: Take Canyon road eastbound, start looking for Benz Park Drive a few blocks BEFORE the light at Canyon lane (it's the last light before you get to Sunset -- if you get to the light you've gone too far; also, it's about a mile from the light at 87th). Turn left on Benz Park Drive, then turn on Benz Park Court.

From Sunset Eastbound: Take the Sylvan exit, go over the overpass, get back onto Sunset westbound and take the Canyon road exit, go one block beyond the first light, turn right on Benz Park Drive, then left on Benz Park court.



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General Business:

New Name??

And the winner is....

Portland RVators

We actually voted on it and this was the winner. I like it, short, sweet, and it fits well with what other groups are using.

T-shirts:

Randall is progressing on a "logo" to put on 'our' T-shirt. Most felt our new name should be on there, but there was some disagreement about putting anything else on it. Keep thinking about it.

Calendars:

Well, Van's 1994 RV calendar is not selling like we thought it might. Out of the original 100, we have 45 left. I have sold about 10 and bought several more for family and friends, but then it is easy for me since I am carrying the box of them around.

We originally thought 1 to 2 per member (60 members) would do the job, but I think many of us didn't get any yet. If you haven't gotten yours yet, please get them at the mtg, or call and Janet will send them-out.

Whatever we 'eat', we may be able to fire-sale at this year's Portland RVators 3rd Annual Northwest RV Flyin.

Builder's Tips:

The "Information Airway"

Randall Henderson

Lately there has been a lot of hype in the news media about the "Information Highway" of computer telecommunication, which is supposed to open up the growing worldwide computer information exchange to everyone - not just the "elite" high-tech/government/university types. Well, I don't feel all that special, but I am one of several RV builders who are apparently members of this "elite", since we regularly communicate with each other via electronic mail over the "internet". If you are also the "elite" (i.e. you have a computer with a connection to the internet), you may want to know about one way to exchange information worldwide with other RV-ers.

A couple of years ago, Matt Dralle, who lives in San Francisco and works at Lawrence Livermore Nat'l Labs, started a "mailing list" just for RV builders. Subscribers communicate tips, questions, answers, stones, opinions, you name it. And it's relatively free of the talk about fiberglass, V.W. Engines, "flames" (arguments), and other extraneous B.S. that is prevalent on some of the other electronic avenues.

Most people who have a UNIX network at their 'day job' have access to internet e-mail in some form, whether it be over a direct internet connection or uucp. Internet mail is also accessible from other platforms such as DOS-based PCs on Novell Networks that have internet access. Ask your system administrator if you're not sure.

If you have access, all you have to do is send an e-mail message to dralle@roxanne.llnl.gov asking to be added to the list, and once he does you will be able to send and receive e-mail to and from everyone on the list just by addressing it to rv-list@roxanne.llnl.gov. There are around 40 people on the list right now, including several in Australia.

Cruise the Information Airway!

Ideas from RV builders:

This item is included in Tips-and-Tricks because I thought it fit here:

I would like to take this piece of the nltr to say thanks *1 those members of the group who have completed an RV and still come to the mtgs regularly to share their knowledge with us. We may not realize it, but not only

do they know how to do most of the stages of the project, but they have the added insight into problems or quirks that can only be found from actually flying an RV on a regular basis. And as an added bonus, they even give us the occasional RIDE in their babies. Talk about motivation!

I can't pinpoint how much I have learned from looking-at and riding-in these guy's completed RVs, but **I know** that there are a lot of items or methods in my RV as a direct result.

So, even though we can't offer them much in the way of help or advice, I hope like heck that they realize how much we appreciate their presence at our mtgs. Thanks a bunch guys! Don Wentz

Note, some of the pictures in last month's nltr weren't too clear. I ran out of toner in my new laser printer after

printing the address pages, and had to copy the rest, which didn't provide as nice of pictures.

Other Newsletters:

To increase the amount of knowledge available to us, we exchange newsletters with several other EAA Chapters and RV builder's groups around the country.

Some of those editors are pretty entertaining too. There is a bunch of folks down in Texas that are VERY active in support of this flying stuff. Anyway, I get a kick out of reading these newsletters and copying ideas from them, but always felt bad that the rest of you couldn't share in the fun. So, at the Feb mtg, I am going to have a notebook with all of the other nltrs in it. Feel free to peruse the contents, especially "59 Grapevine". (PS - If you figure-out what weapons the BRAT used to attack the AAF, let me know. Stay tuned to learn more about the counter-attack by the ASS).

Project Status:

Kefton Black (Blackie) is well along on his second RV-4. He has all of the ribs fitted on the left wing and is modifying the nose skin to accommodate the RV-6 fuel tank. That's right; Blackie is putting RV-6 wing tanks on his -4! I'd never heard of it but he says a few people have done it. He had to lengthen the spar doublers by about 7 ¾ inches and cut back the adjacent wing nose skin by the same amount, and rearrange the nose ribs to allow for the extra length. That's about it, since the wing cross-sections for the -4 and -6 are the same. Apparently C.G. isn't a big deal with this change since the fuel tanks are so close to the C.G. on the RV-4.

Blackie has a 150hp engine with a fixed pitch prop in his flying RV-4, but he's planning on a 180hp or larger engine and a constant speed prop on this one. He says it's because he got tired of being passed by Mike Seager in his (180hp/CS prop powered) RV-6.

Brent Anderson's RV-4 is coming along - he's in the middle of his fuselage. No skin yet but the firewall, bulkheads and longerons are clecoed in place on the jig, and he says it's "starting to look like a fuselage". He got the jig from Steve Harris, who got it from Gary Standley, who got it from the original builder— not sure who what was. This makes Brent's the fourth fuselage for that jig. Who's gonna be #5?

Brent is installing modified rudder pedals - he's redesigned them to use bushings and bearing blocks instead of the bolt through-a-tube supplied from Van's. He says his modified installation should provide better support, and provide a better angle as well. Should be interesting to see how it all turns out!

The 8/10ths scale *scratch-built* P-51 has flown and has about 4 hours on it. On the taxiway it looks damn real! He said it flies very nice (similar airfoil to an RV, NOT a scale airfoil), but is a handful on landing. There should be a good article on it in a forthcoming Chapter 105 newsletter, as I saw someone out there interviewing Paul today.

Don Wentz has started the O-360 engine on his RV-6. With much appreciated help from Mike & Ben Wilson, Chris Lund, Dave Locke, Jim Garver, and Ken Scott. So far everything worked well, instruments, gauges, etc, with just 2 small oil leaks to fix and an idle mixture adjustment required.

How are the rest of you doing on your projects? (Thanks for the updates Randall.)

Member list:

As promised, I updated the list and here it is:

Name	Address	City, State	Phone Numbers	Model	Progress	Other info	Start Date	Finish Date
Aircraft, Vans	FOB 160	North Plains, OR 97133	(503)-647-5117					
Anderson, Alan	661 4 E. Mill Plain Blvd.	Vancouver, WA 98661	696-0471	RV-4	Flying			
Anderson, Brent	1580SWDellwoodCt.	Portland, OR 97225	(503)646-6380	RV-4	PTWF			
Baxter, Brent	27700 NW Meek Rd	Hillsboro, OR 971 24	629-6357W, 647-5976H					
Benedict, Bill	3400 SW1 73rd Ave	Beaverton, OR 97005	(503) 649-8707	RV-4	Flying			
Berry, Larry	31 Meadowview Rd	Forest Grove, OR 971 1 6	(503)	RV-6A	Pt			
Black, Kefton	22443 NW Rocky Pt Rd	Scappoose, OR 97056	621-3125	RV-4 RV-4	Flying PTw			
Boring, Robert	18321 SEGieseRoad	Gresham, OR 97080	661-7627					
Bourgeois, J. Rion	5275 SW Cherry Ave.	Beaverton, OR 97005	646-8763h, 222-7466W	RV-4	PTw			
Brabandt, Earl	9725 SW 163rd	Beaverton, OR 97007	590-1783	RV-6	PTWf			
Bryant, Mark	7030 SW Armitage Ct	Wilsonville, OR 97132	694-2704	RV-6	Pt		10/1/93	
Christner, William	31811 S.WrightRd.	Molalla, OR 97038	829-2856					
Clappison, Gordon	873 Cessna Street	Independence, OR 97351	838-301 1			EAA 292 Newsletter Editor		
Conrad, Joseph	5710SEFlavelDr.	Portland, OR 97206-8902	774-7264	RV-6				
DeLano, Dan	3834 SW Iowa St.	Portland, OR 97221	244-5757	RV-6	Flying			
Drake, William	1 131 3 NE 269th Street	Battleground, WA 98604	Parkside Airpark	RV-6	PTWf			
EAAChapt315	12 Cooper Blvd.	Red Bank, NJ 07701						
Eyres, Evert W.	3573 NE Olympic	Hillsboro, OR 97124	(503) 643-3564	RV-6	Flying			
Franich, Jim	2541 1 SE Hoffmeister Rd	Boring, OR 97009	658-7737					
Frost, Stan	4041 SW Tunnelwood	Portland, OR 97221		RV-6				
Graham, Gary	355 SE 24th Ave	Hillsboro, OR 97123	648-6123					
Graves, Mike	161 8 Pacific Ave	Forest Grove, OR 971 16	357-2283					
Hansen, Alan	PO Box 540796	N Salt Lake.UT 84054-0796	801-299-8674	RV-6A	PT			
Harris, Steve	Route 1 Box 254A	Banks, OR 97106	503-324-81 31 h, 627-2454W 784-0324 Mbl	RV-4	PTWfE			
Hay, Carl	4391 SW Fraser Ave	Portland, OR 97225	297-3091 , 93/02/27	RV-6	PWTFE			
Henderson, Randall	7233 SW Benz Park Court	Portland, OR 97225	690-1 234w,297-5045h	RV-6	PTw			
Hoffman, Tony	1 115NW8th	Gresham, OR 97030	661-7712	RV-4	PTWf			
Householder, Steve	1 4227 NE Stag Hollow	Yamhill, OR 97148	662-3697h, 297-8760W					
Hughes, Monty	PO Box 742	Rainier, OR 97048						
Hull, Dave	11 36 Second Street	Hermosa Beach, CA 90254	213-372-5770			South Bay RVators		
Jackson, Dennis	6040 N. Cutter Circle Suite 302	Portland, OR 97217	285-8947	RV-4	PTWfE			
Johansen, Steve	5028 Charleston Drive SE	Salem, OR 97301		RV-6A	Flying			
Justice, Frank	9725 SW 163rd Ave.	Beaverton, OR 97007	642-5713	RV-6A	PEw			
Kaluza, Charles	2979 SW Mountain Ln.	West Linn, OR 97068	638-7820h, 233-5548w	RV-6A	P			
Kenny, Bill	1 6420 SW Beef Bend Road	Sherwood, OR 97140	620-801 1h, 684-51 55w	RV-6	PTW			
Kincaid, Dexter	61 4 S. Meridian	Newberg, OR 97132	538-9535h	RV-6A	PT			
Koch, Frank	709 Airport Way	Independence, OR 97351	(503)639-3818					
Leacock, Art	2521 1 NE 50th Ave	Ridgefield, WA 98642-9431		RV-4				
London, Don	57232 Cedar Creek Rd	Scappoose, OR 97056						
Lund, Chris Locke, Dave	15429SE Piazza Ave.	Clackamas, OR 97015	657-4412,650-0576	RV-6	PTw			
MacDevitt, Jim	2520 NW Westover	Portland, OR 97210	223-2577					

McCullough, Noah	1641 Cherry Creek Drive	Waco, TX 76712	817-772-9732			EAA Chapt 59 - RV Bldrs		
Midwest RVators	2286 Piper	Arnold, MO 63010				Builder's Group		
Miller, Bruce	10080 SW Grabhorn	Beaverton, OR 97007						
Miller, Ed	6498 Failing St	West Linn, OR 97068						
Miller, Joe & Char	11 255 NW Helvetia Rd.	Hillsboro, OR 97124	(503) 647-2059					
Miner, Doug	4215 SW Dosch Rd.	Portland, OR 97201	452-1650			Experienced bldr/helper		
Moentenich, Brian	18906 NE Davis St.	Portland, OR 97230		RV-6	Pt			
Nelson, Steve	9981 SE Talbert St	Clackamas, OR 97015-9681	786-3904	RV-4	PT			
Neuner, Bob	5950 SE Tibbetts	Portland, OR 97206	(503) 771-6361	RV-6	PTW			
Newkirk, Pete	1610 Wiesbrook Rd.	Wheaton, IL 60187	(708) 653-2267			Chicago Area RV Builders		
Ohlgren, Brent	2147 NE Tillamook	Portland, OR 97212	h, 228-7307W	RV-6	PTWf			
Peaslee, John	14612 SW Peak Ct	Tigard, OR 97224	503-590-1 81 5h, 643-9281W	RV-4	PTWFE			
Pierson, Jack	2955 SW Hillsboro Hwy	Newberg, OR 97132	292-8906h, 238-6330 Days	RV-3 RV-3	Flying PTw	Bought already done Building this one	early 92 1990	
Rainey, Norm	12110 McGillivray	Vancouver, WA 98684	(206) 256-6192	RV-6A	Flying			
Rosenzweig, Charles	9070 Ocean Beach Hwy	Longview, WA 98632	(206) 577-6407	RV-6	P			
Scott, Ken	407 NW Merle Dr.	Hillsboro, OR 97124	503-648-1 594h, 647-51 1 7w	RV-6	Flying			12/26/93
Seager, Mike	5361 st Ave	Vernonia, OR 97064	(503) 429-51 03h, 429-1562 Hangar	RV-6	1 sold 1 PTWf			
Skinner, Tim	7285 22nd Ave. N	Salem, OR 97303	503-390-3345	RV-6	Pt			
Springer, Neil	21 795 SW Baseline	Hillsboro, OR 97123	645-4101					
Standley, Gary	23565 SW Lois Street	Hillsboro, OR 97123	(503) 591-9040	RV-6	PT			
Stenger, Doug	Route 1 Box 298 B	Banks, OR 97106	(503) 324-6993			Custom RV Sub-Assy Bldr		
Strom, Greg	491 ONE 68th	Portland, OR 97218	503-284-1211	RV-6A	PT			
Styskel, Ted	15850 S. Carus Rd.	Oregon City, OR 97045	632-3918	RV-6A	Ptw			
Van Grunsven, Stan	8814 Northgate Ave.	Vancouver, WA 98664	206-254-3492	RV-6A	Pt			
Vyfvinkel, Bernhard	2081 5 NE 89th Ave.	Battle Ground, WA 98604	206-576-0202	RV-6	P			
Wentz, Don	50641 Firridge Ave.	Scappoose, OR 97056	543-2298h, 696-71 85w	RV-6	PTWFE	Portland Area RV Bldrs	7/15/90	
Wert, Don	6639 SW Cherryhill Dr	Beaverton, OR 97005	641-6824					
Wilson, Mike	35465 Firway Lane	St. Helens, OR 97051	397-6207	RV-4	PTw			

Don't Want Ads:

Let us know what you got but don't want. Ads are **FREE**.

Rion Bourgeois has a LARGE pneumatic squeezer that he used on his spars. Available for loan or sale. 646-8763.
 1965 Champion citabria -1/4 partnership interest, \$2000. Hangared at HIO. O--200 Cont. Build taildragger time inexpensively while building your RV.
 Call Rion Bourgeois, 222-7466 or 646-8763.

Duckworks Landing Lights. Retro-fittable, light, easy installation. Kits start at \$69 (discount for PARVBG members). Don Wentz, 503-696-7185 for info. Engine stand - I'm not using mine anymore (yay!) so if one of you wants to, borrow it! Don Wentz, 503-696-7185

RV-4 jigs no longer in use - Aileron, flap, rudder, elevator - all available for loan. Brent Anderson 503-646-6380

Looking for Tools that are no longer needed or partially completed kits. Dexter Kincaid - 538-9535.

Standard RV-6 elevator trim control knob/cable. Only slightly used, sell for \$\$ less than new, Evert Eyres, 503-648-3564.