

# *The Taledragger*



May 2008  
The Monthly Newsletter of  
Chapter 292 of the Experimental Aircraft Association  
Serving the Willamette Valley at Independence State Airport, Oregon

## **The President's Corner**

April presented some interesting flying weather for us : rain, snow, hail, wind, clouds, flying saucers...well, maybe not flying saucers, but it seems like we need to prepare ourselves for that given what a wild spring we've had. I've done some needed maintenance on the plane in the last few weeks and took the opportunity to fly up to Chapter 105's monthly Pancake Breakfast at Stark's Twin Oaks airport. As most of you know, I belong to both chapters as a way of voicing regional support for EAA chapters. The weather was beautiful, and Karen and I had a great time. I was able to sneak in a short visit with Randy Lervold, Chapter 105 president, as well as Rob Hickman of Advanced Flight Systems. I was struck by the friendliness of the crowd and the variety of aircraft that flew in. Karen and I watched Cubs, RVs, light sports, ultralights and more than a few Pipers and Cessnas make their arrival and join us in line to talk aviation and wait for pancakes and eggs. EAA chapters are functioning well, but there's always room for innovation, improvement and evolution and growth. On Monday, I met with Jennifer Hickman, who coordinates the Poker Runs for Chapter 105. I told her I'd like to be a part of the next one they do to promote more "cross pollinizing" of our chapters.

One of our members, Andy Duncan, was in Oshkosh recently to attend a weekend Chapter Leadership Academy, held on the grounds of EAA. The Leadership Academy is a workshop that promotes the exchange of ideas and energy to help EAA focus on better ways to do more for our existing members while finding ways to build strength and membership. I'm excited that Chapter 292 was represented there. Andy made the EAA video on the Chapter Leadership Academy which you can view here:  
<http://eaa.org/video/eaa.html?videoId=1519094733>

We'll expect a full report from him at a meeting soon so you can hear about it!

In other Chapter 292 news, the room that will house the simulator is just about done. A new water heater was purchased (the old one served admirably, but was very mineralized) and installed in the loft by Tom Turnbull and a crew of volunteers. We'll have an update on the simulator program at the meeting this week.

Finally, if you've been around the chapter hangar lately, you'll have seen several tables with tools and equipment on them in the south hangar. Dave Smith has led the effort of organizing tools and equipment that will be sold as part of an overall upgrade to the chapter's inventory. The May meeting on Saturday will consist of a tool sale open to chapter members only. After this meeting, the tools and equipment left over will go on open sale, to the general public in various ways. The tools and equipment have all been tagged for a silent auction, so you do "need to be present to win." After the meeting, we'll have lunch and visit, so be sure to show up and see what's happening around Chapter 292!

See ya there!

*Bob Brown*

# CALENDAR OF EVENTS

SUNDAYS	THE INDEPENDENCE FLYER BUILDERS GROUP	CHAPTER HANGAR, AROUND NOON
FRIDAY, MAY 9, 2008	BOARD OF DIRECTORS MEETING	CHAPTER HANGAR, 7 P.M.
SATURDAY, MAY 10, 2008	MONTHLY MEETING	CHAPTER HANGAR, 10 A.M.

## EAA Chapter 292 Purposes –Policies—Meetings—Dues

**THE PURPOSE OF THE EXPERIMENTAL AIRCRAFT ASSOCIATION (EAA) CHAPTER 292:** To promote and encourage the sport and hobby of recreational aviation. To cooperate with and assist governmental agencies in the development of programs relating to aviation activities. To promote and encourage aviation safety in the design, construction, and operation of all types of aircraft. To encourage and engage in research for the improvement and better understanding of aviation and the science of aeronautics. To foster, promote, and engage in aviation education. To foster closer fellowship among its members through the exchange of ideas of mutual interest. Chapter 292 is a private, non-profit organization, and recognized as a 501 © (3) institution by the IRS. Contributions to the organization are fully tax-deductible as authorized by law.

**CHAPTER 292 AND EAA NATIONAL MEMBERSHIP DUES:** EAA National Membership is required for all Chapter 292 members (call 1-800-JOIN EAA). Chapter 292 dues are \$36/year for 2007 for those who receive an e-mail version of this publication and are prorated on a \$3/month basis for those who join mid-year; and dues are \$48/year for 2007 for those who receive a snail mail version of this publication and are prorated on a \$4/month basis for those who join mid-year. A Lifetime Membership in EAA Chapter 292 is \$500 (national membership must be maintained as well). For more information both on National and Chapter 292 memberships, please call the Chapter Secretary.

**MEETINGS:** The general membership meetings are held on the second Saturday of each month at 10 A.M. at the Chapter Hangar, 4803 Airport Road, at Independence State Airport. Oftentimes special events will supersede the normal schedule. Please call the Chapter Secretary to confirm a date if in doubt.

**BOARD OF DIRECTORS & OFFICERS:** The executive board meets at the Chapter Hangar on the second Friday of each month at 7 P.M. Board meetings are open and anyone may attend.

**NEWSLETTER:** *The Taledragger* is published and mailed one week prior to the general membership meeting. Feature articles, stories relating to flying, technical reports, or classified listings should be made to the newsletter editor one week prior to publication. This is most easily accomplished by e-mail to the editor at windwing1@juno.com. EAA Chapter 292 is not responsible for any modification or maintenance items that appear in the newsletter or in any other correspondence. It is the responsibility of the reader to discuss and get approval for all such items from an appropriate A&P, the FAA or other government official.

## 2008 Chapter Officers & Technical Staff

PRESIDENT:	Bob Brown	bkbrown @ minetfiber.com	(503) 838-4146
VICE-PRESIDENT:	Al Cleveland	amcleveland @ minetfiber.com	(503) 910-7786
SECRETARY:	Tom Turnbull,	rv7tt @ minetfiber.com	(503) 838-1260
TREASURER:	Gary McCormick	garymc@ieee.org	(503) 838-2742
BOARD MEMBERS AT LARGE	Jerry Pryce	sierrab24r @ yahoo.com	(503) 606-9189
	Jim Hubele	khubele @ minetfiber.com	(503) 838-2584
WEBMASTER:	Karen Brown	eaawillamette @ minetfiber.com	(503) 838-4146
NEWSLETTER EDITOR:	Dave Martin	windwing1 @ juno.com	(503) 838-2131
HANGAR MANAGER:	Dave Smith	smithad59 @ msn.com	(503) 831-1257
TECHNICAL COUNSELOR & FLIGHT ADVISOR:	Ernie Moreno	ewmoreno @ minetfiber.com	(503) 838-6878
TECHNICAL COUNSELOR (FIBERGLASS & PAINTING):	Henry Bartle	bartle4 @ msn.com	(503) 838-4009
TECHNICAL COUNSELOR (SHEETMETAL):	Al Cleveland	amcleveland @ minetfiber.com	(503) 910-7786
FLIGHT ADVISOR	Dave Martin	windwing1 @ juno.com	(503)838-2131
FLIGHT ADVISOR & TECHNICAL COUNSELOR	Chris Schulte	chris . schulte @ garmin.com	(503)606-9246
YOUNG EAGLES COORDINATOR:	Kathy Cheval	kiaorana @ wvi.com	(503)838-9870

## Board of Directors Meeting – 04-04-08

### MINUTES

**Board Members Present:**

<input checked="" type="checkbox"/>	Bob Brown – Pres.	<input type="checkbox"/>	Al Cleveland – V. P.	<input checked="" type="checkbox"/>	Tom Turnbull – Sec	<input checked="" type="checkbox"/>	Gary McCormick – Treas.
<input type="checkbox"/>	Jerry Pryce - MAL	<input checked="" type="checkbox"/>	Jim Hubele - MAL	<input checked="" type="checkbox"/>	Karen Brown - Web	<input type="checkbox"/>	Dave Martin – NL Editor
<input checked="" type="checkbox"/>	Dave Smith – Hangar Mgr	<input checked="" type="checkbox"/>	Kathy Cheval - YEC	<input type="checkbox"/>		<input type="checkbox"/>	

**Members and Guests Present:**

<input checked="" type="checkbox"/>	Chuck West	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>	
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**Approval of minutes**

Minutes from March meeting submitted for approval. Motion: Jim Hubele – Approve March minutes as submitted. Second by Karen Brown. Motion passed.

**Secretary’s Report – Tom Turnbull**

Membership – Approximately 105 members.

**Treasurer’s Report – Gary McCormick**

\$18,972 in the projects fund; \$19,504 in general checking; and two \$5182 CDs for a total of \$48,840 less the outstanding balance due on the simulator purchase of approximately \$12,000.

**Young Eagles Report – Kathy Cheval**

Kathy is working with EAA on whether this activity would be covered under Young Eagles insurance. She has also been contacted about having an additional event for students of the Adair Village school. We will revisit this at the next meeting.

**Hangar Manager’s Report**

Hangar clean-up and organization party again this Saturday. Bob suggested we attempt to label items which are being added to the inventory.

**Old Business**

Flight Training Device

- Program Administrator – Al Cleveland.
- Reviewed Remodeling activities
- Termination of Lifetime membership as part of Gold Sponsorships.

*Motion:* Tom Turnbull moved to terminate the sponsor ship offerings as originally planned. Seconded by Gary McCormick. Motion passed.

Kathy Cheval reviewed a request from Andy Duncan to be allowed a small budget to support planning activities for the Biplane Fly-in.

*Motion:* Dave Smith moved to authorize \$200 for Biplane. Karen seconded – passed.

Tom Turnbull asked for a budget to purchase support equipment for the simulator project and possible extension of wireless access to the EAA.

*Motion:* Kathy Cheval moved to authorize \$200 for the computer support. Karen Brown seconded the motion. Motion passed.

**New Business**

EAA Leadership Conference – Andy Duncan will be attending due to conflicts with Tom Turnbull’s schedule.

Van’s Homecoming Committee Meeting – Bob attended, Keith Hamilton has begun planning activities, and committees are working. Bob suggested we consider the new business going in downtown for the banquet.

Bob Brown discussed the need to select a vendor for the RV Fly-in banquet. He suggested the new restaurant going in downtown Independence. The owner runs the sports bar on the 99, and several members indicated it is a good establishment with a good menu. The board agreed this should be researched more by Bob Brown.

Tools – Silent auction for members on low value items. High value items will be offered to members at a discounted before being offered to the public. Dave Smith is to compile a listing of tools to be offered, with minimum bids on those of significant value. This list will be provided to the membership as part of the announcement of the auction/sale.

*Motion:* Tom Turnbull Moved the classified adds be opened non members with no cost or size restrictions. Approval is subject to the Newsletter editor’s good judgment. Dave Smith seconded. Motion passed.

*Motion:* Gary McCormick moved we adjourn. Karen Brown seconded – passed.

*Tom Turnbull, Secretary*

**Chapter Meeting – 04-12-08**  
**MINUTES**

**Board Members Present:**

<input type="checkbox"/>	Bob Brown – Pres.	<input type="checkbox"/>	Al Cleveland – V. P.	<input checked="" type="checkbox"/>	Tom Turnbull – Sec	<input checked="" type="checkbox"/>	Gary McCormick – Treas.
<input type="checkbox"/>	Jerry Pryce - MAL	<input checked="" type="checkbox"/>	Jim Hubele - MAL	<input checked="" type="checkbox"/>	Karen Brown - Web	<input checked="" type="checkbox"/>	Dave Martin – NL Editor
<input checked="" type="checkbox"/>	Dave Smith – HMgr	<input type="checkbox"/>	Kathy Cheval - YEC	<input type="checkbox"/>		<input type="checkbox"/>	

**Visitors / Guests**

- Ron Sterba – new member.
- Brian McGlynn – recently a new member and moving to the airpark.
- Rich Graham – new member

## Secretary and Treasurer's report

Reported as noted in BOD meeting notes above.

## Hangar Manager report

Dave Smith announced the plan to conduct a silent auction on the tools and equipment deemed as surplus. We reviewed the need for a listing of the tools for sale and the minimum bid for those considered to be of significant value. This listing will be forwarded to the membership via email.

Dave Smith indicated those tools not sold will be disposed of. Tom Turnbull noted the Board had expected they be offered to the public, possibly at the "Airpark Garage Sale," will review at the next Board Meeting.

## Member Profile Drawing

Larry Vehrs was drawn for the next member profile.

## Old Business

Flight Training Device - Tom Turnbull presented an overview of the committee's remodeling and plans for training users for scheduling and use. We noted the continuing need for a volunteer to conduct bookkeeping/billing for the project. Chuck West made a report of funds gathered thru the Sponsorship drive and it was noted this opportunity was no longer available.

Oregon Flying Farmers - Sponsoring the AP Day on April 19<sup>th</sup> -seminar at 2pm. A sign up sheet was distributed by Andy Anderson.

RV-12 Project - Dave Martin reported that Van's is accepting orders for wing kits. He believes his could be here as early as next week.

## New Business

Ethanol-Free Mogas Dave Martin and Ernie Moreno reported on the availability of ethanol-free 92-octane mogas in Lebanon, Cottage Grove, and soon at Mulino.

Break Demo Wayne Wineland gave a presentation on the safe use of our new metal break. He covered the use of setback based on the type of material, finger covers to increase bend radius, and the damage created by improper use and particularly *no wire!* He is making several finger covers to add versatility to the system when working with aircraft aluminum.

Meeting adjourned.

Tom Turnbull, Secretary

## Member Profile

### Larry Vehrs: One way or another, a life or aviation.

Larry Vehrs says he seems to have aviation in his genes. His dad was an Army Air Corps pilot at the end of WW-II who retired after 30 years. He flew B-17s through B-52s. Larry started with a wind-up rubber band airplane and got into flying R/C. When he was 8, his father took him flying in a borrowed Tri-Pacer at Lebanon Airport, and Larry did most of the flying. Aviation was there as far back as he can remember. "But I waited until I was a senior in high school before I got my private license," he said. He began training in a Cherokee 140 in September and had the license in November.

Larry flew quite a lot as a high school student. "Every else in school was into cars," Larry said, "but I was into planes." His love life suffered, he says, as parents were a bit reluctant to let their daughters go on aviation dates.

Larry says he was always mechanically inclined, and he became an auto mechanic, owning his own shops, becoming a Master Mechanic, and working for others. More recently, he moved into automotive sales and work at a dealership in Corvallis.

He was flying during his 25 years as a mechanic, earning commercial, instrument and multi-engine ratings. His first airplane was a Stinson 108-2, and he's owned a Cherokee

140 and a Cessna 310 he owned with his dad. After his father quit flying as a pilot, Larry often flew him on business trips in the -310. Currently, Larry has a Bonanza, and he's just bought a Luscombe 8A, which qualifies as a light-sport aircraft.

Teaching himself aerobatics in a Citabria comes to his mind when considering memorable flying experiences. His first split-S was more exciting than he intended; he didn't pull the throttle soon enough. He used the entry speed recommended on the panel placard, but it doesn't go into technique. Other attempts were including rolls, snaps and, barrel rolls, hammerheads and loops were more comfortable. He's not done aerobatics in a lot of years. These days, he likes flying aerobatics with R/C airplanes more than when sitting inside.

Larry spent a lot of time crewing for Lefty Gardner at the Reno Air Races, maintaining a P-38 and a P-51. In '76, Gardner won the Unlimited Gold. "Being around the big iron was a lot of fun," he said. "When you add oil to the engines, the units are gallons, notquarts." Taking plugs out of a still-hot Rolls-Royce Merlin engine was also interesting.



Larry has flown to the Arlington fly-in several times and has attended Sun 'n Fun. But he's not been to the big one at Oshkosh. "I'd like to remedy that," he said. "Maybe this year." He's already used some vacation time, so he would probably take his 1950 Bonanza.

For Larry, EAA membership began four years ago when he got involved with Independence. It was the right time to jump in. He's not built an airplane, but building experience Plans for the just-purchased Luscombe? The airplane was in Benson, Arizona, just east of Tucson, and was checked out there by a mechanic friend of Larry's. The airplane is a 65-h.p. prewar ragwing with Stits recovering this year. There's no electrical system but an external antenna that Larry will use with his Icom handheld transceiver. A handheld GPS will help him while away the 10-12 flight hours that will be required to

get it home. Larry is thinking of converting to C-85 or O-200 power. STCs are available for both conversions, and he would turn wrenches under supervision. Like others, he said, he is always looking for more power. The Luscombe, he noted, is approved for aerobatics, but he's reluctant to do any in a 68-year-old airplane. Mostly, the plane will be used for Willamette Valley \$100 hamburger runs. Or maybe he will retain the 65 h.p. and keep the hamburger prices down to \$90. Addition of the Luscombe has introduced a problem: hangar space for it here at 7S5. Its arrival here is some time away as it will be annualized in Arizona before the trip.

Living in the airpark, Larry said, is like going to heaven for somebody involved in aviation. – *Dave Martin*

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## RV-12 Project Gets Started

Thirteen potential Chapter 292 RV-12 builders participated in a meeting headed by Dave Martin and Ernie Moreno on Sunday, May 4 in the chapter hangar. The idea was to show some of the parts in the RV-12 wing kit that was picked up at Van's Aircraft on April 29, talk about building procedures and safety, and to set up a schedule for those who want to participate.

Following Dave's description of the project and Ernie's guidance on safety and some words about riveting, everyone had an opportunity to try a hand at using the pneumatic rivet puller to attach brackets to the factory-built RV-12 wing spars.



Ernie Moreno provides practical and safety tips.

Earlier this year, the chapter board and members approved helping Dave and Lois Martin build their RV-12 kit in chapter space. The Martins are making a donation to the chapter.

Contrary to what some understood, the building process involves using some solid rivets in addition to the many thousands of aviation-quality pulled rivets. Also, building involves much more than simply assembling factory parts. Nearly all pieces require considerable preparation before they can be assembled. For example, each of the 54 factory-punched main and nose rib blanks must be deburred and flattened, and many ribs are trimmed for a particular installation on the spars. The process involves using one of

several deburring tools to smooth the edges of holes and filing the sharp corners everywhere. A fluting tool is applied to



Ernie talks about rivet-pulling technique.

flatten each rib part as the factory stamping operation results in curvature, especially of the nose ribs.

Dave polled the group as to the best times for them to participate. Because of peoples' schedules, he decided to establish what he calls *office hours* when he will be at the EAA south hangar for anyone who decides to participate. Office hours during the week will include times in the mornings, afternoons and evenings to give everybody a chance.

At the first session, held on Monday morning from 10 a.m. to noon, Dave and three others worked on parts. He had e-mailed the group an office hours schedule for the first week. The plan will be to publish such a schedule one week at a time. If you would like to get on the e-mail list and participate, e-mail or call Dave ([windwing1@juno.com](mailto:windwing1@juno.com) or 503/838-2131). He made a video of the remarks at Sunday's meeting for latecomers or anyone else interested.

So far, Van's is not saying when the next portion of the RV-12 kit will be available, but Part 2 is expected to be the empennage kit.

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## CLASSIFIED ADS



**SUBARU ENGINE: EA-81**, \$300 OBO. Call Zell Giles at (503) 763-7120.

**RV-6/6A EMPENNAGE KIT**, Aug. 1995 vintage (S/N 24439), not prepunched. HS Spars & ribs fitted, no holes in skins, no riveting done. Needspare/repair parts? Asking \$600.00. Call Kevin at (503) 364-3236

**5% avgas discount** with free AirBP card. Call 800/431-3733. Indy Flyers.

**RV-9A EMPENNAGE KIT**, Dec. 1999 vintage (S/N 90026), pre-punched. HS spars & ribs fitted, skins & ribs dimpled, spar holes countersunk. No riveting done. Asking \$1000.00. Call Kevin at (503) 364-3236

**EMERGENCY LOCATOR TRANSMITTER**-Ameri-King AK-450, complete as originally sold. Battery expiration March 2009. \$150. Van's IE VTACH3500 2.25" Tach gauge with IE VTACHGEN2 transducer \$60. Jim Ashford, (503) 508-283

**A-65 CONTINENTAL** rebuilt, 1/2 hour run time, runs great, 010 under crank, tapered shaft, new hub, has oil sump, carb, mags and has original-log. \$5000 obo. Rick Tjulander ( 503) 999-4922

**Aircraft Hangar Space** - [nutsch.com](http://nutsch.com), LLC - 503.428.7209

**FLIGHTSTAR II SC / HKS**: Registered E-LSA, N432PM. TT: 160. Great flyer, burns 2.5 gph! \$24,000. Call Mike Pongracz at (503) 606-9767

**ZENVAIR (ZENITH 601 XL / 100 HP CORVAIR)**: Some assembly required. \$22,000. Call Mike Pongracz at (503) 606-9767

**IMMACULATE RANS S4/5**. Built by Ivan Clede. Not an E-LSA and will have to be registered as a straight experimental. Only \$8,500. Listed for the owner by Mike Pongracz. Call (503) 606-9767.

**THIS MONTH'S MEETING**  
**Saturday, May 10**  
Chapter Hangar, 10 a.m.:

*Last of the  
Great Chapter Tool Auction!*

**Lunch afterward**

**Willamette Valley Chapter 292  
Experimental Aircraft Association  
4803 Airport Road  
Independence, OR 97351**