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**Last month's meeting** was held at **Alan Shurman's Iron Ranch**. Good turn out. Great meeting place. Superb site-seeing around the ranch. The pictures inside attest to the superior meeting qualities of this location. Now if we could just get it moved closer to the center of gravity of the membership. Hmmmm.

The big event of the year (or decade?) for our group was the **GEARS** show during the weekend of September 25-26. Its hard to find enough good things to say about this production. The crew that put this together should receive the highest accolades. Great job fellas. **Pat Wicker** has submitted a comprehensive summary of the show and the plan for 2005. See inside.

**Carl Petterson** is doing an exceptional job lining up future meetings. Carl submitted the current schedule shown in the box in the next column.

**Wes Ramsey** did not submit a "For the Beginner" column this month because of a mild heart attack he suffered recently. He expects to be back with us soon, though, depending on the results of his hospital tests. We all wish Wes a speedy recovery and hope to see him soon.

### Meeting Schedule

We have some meeting places for the next few months, 2 confirmed and one tentative.

For **November 13th** we will meet at **Bartlett Enterprises** in Hillboro at 1:00 pm. Bart Pond has hosted the club many times and is happy to do it again. Use instructions for getting there and the map from earlier newsletters.

For **December 11th** we will meet at the **Pearson Air Museum** in Vancouver. Meeting will begin at 1:00pm. Location is 1115 E. Fifth Street, Vancouver, WA. It is near the intersection of East Reserve and Fifth. To get there turn off I-5 at Mill Plain Blvd. Go east to the Officers Row Sign stop light or the next one which is East Reserve. Turn right at either light and go down to Fifth. The museum is between the two streets. Follow signs to the museum, which is just east of the Fort Vancouver replica fort structure

I talked to Roger Rudert at the last meeting about meeting at **OMSI**. **OMSI** is changing their exhibits and opening up some new space. They are working everyone overtime in an effort to complete things in time and couldn't possibly let us come in the next two months. He said we could **tentatively meet in January 2005**. I was not able to attend the last time we met at **OMSI** but it was an interesting venue for our members from the remarks I heard later.

Carl Petterson

#### For Sale

- 1 DELTA 6" Jointer Model J15, 55" table. Like New Condition - \$ 550.00 or best reasonable offer.
  - 1 JET 15"x6" Plainer Model JWP15HO. 3 hp 220 V single phase, open stand, like new condition- \$795.00 or best reasonable offer.
  - 1 Bridgeport BOSS 5 cnc mill with computer. 220 3phase. Coolant system and tooling- \$2000.00 or best reasonable offer.
- Contact Hal J. May (360) 892-0269 or e-mail [hal3647m1y@yahoo.com](mailto:hal3647m1y@yahoo.com)

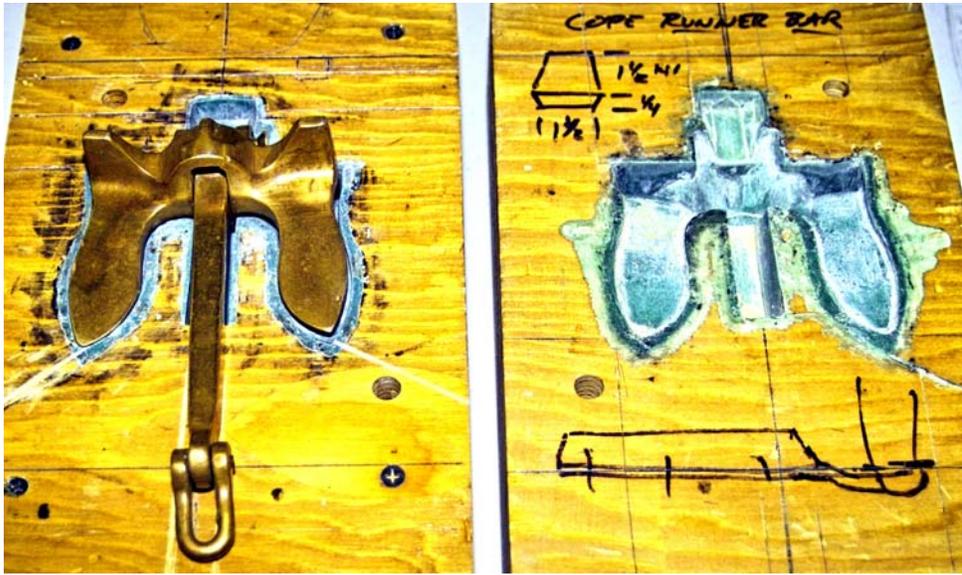
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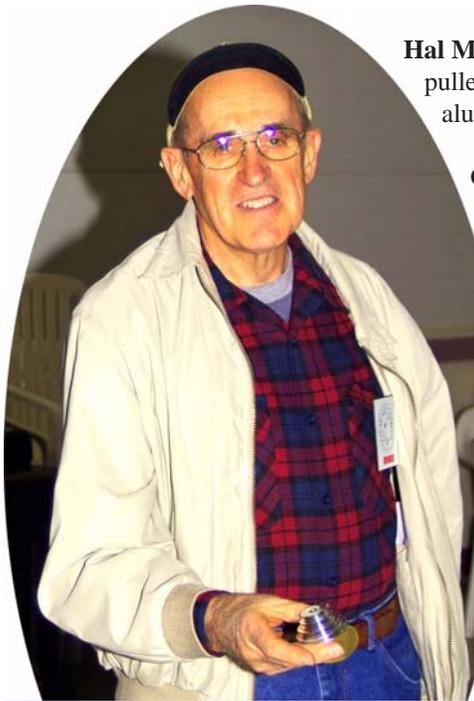


**Bud Statton** (left) continues his pursuit of the perfect castings. Here he describes one of the several patterns he brought for display. At center left is a pattern along with the bronze anchor that was poured from it. Impressive job, Bud. Thanks for sharing with us.

Just to show that not all machinists are perfect, **Carl Petterson**, (at center right) brought the pattern he recently made and described the pitfalls he ran into in its construction.

In other news, **David Palmer** (a member of the Bay Area Engine Modelers) brought his Rectilinear steam engine (shown at bottom) to the GEARS show where it won best in show. Exceptional design and superior craftsmanship was evident here. Congratulations David.



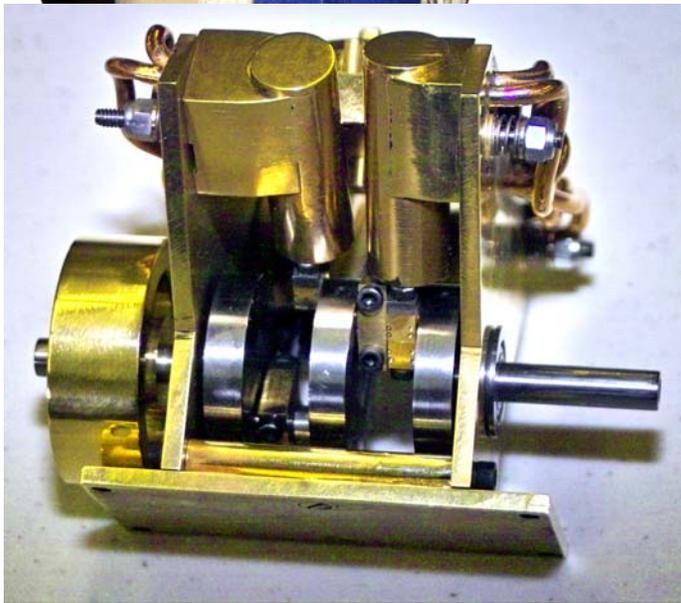


**Hal May** (left) says he didn't chrome plate the pulley he brought (at right) but just polished the aluminum surface to get the shine.



**Gary Hart** (center right) describes the V4 steam engine he is building (center left). Particularly tricky was the bending and brazing of the copper manifolds visible to the left and right of the cylinders.

Below left, **Bob Eaton** discusses the carburetor (shown lower right) that is giving him problems with his four cylinder



gas engine. Anybody wanna buy a carburetor?





The “Foos” engine shown above is just one of hundreds (thousands?) of engines available for viewing at **Alan Shurman’s Iron Ranch**. This one is particularly colorful.

**Ed Drabik**, a new club member, brought the wooden clock shown at right. Making wooden gears would be a new and challenging activity for many of our members. It looks like Ed has the process well in hand.

For those interested in full size steam engines, the Corliss shown below is in prime shape. **Alan Shurman’s** interest in these old masters is a boon to the modeling establishment. In this photo, Hal May and Ernie Haskell get a closer look at the details.



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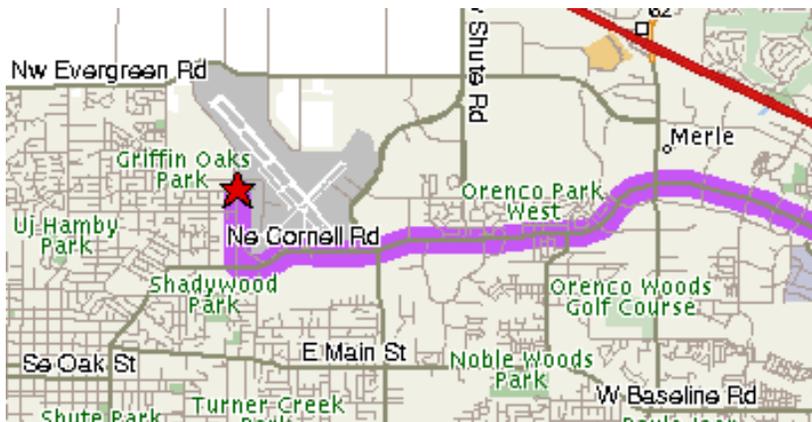
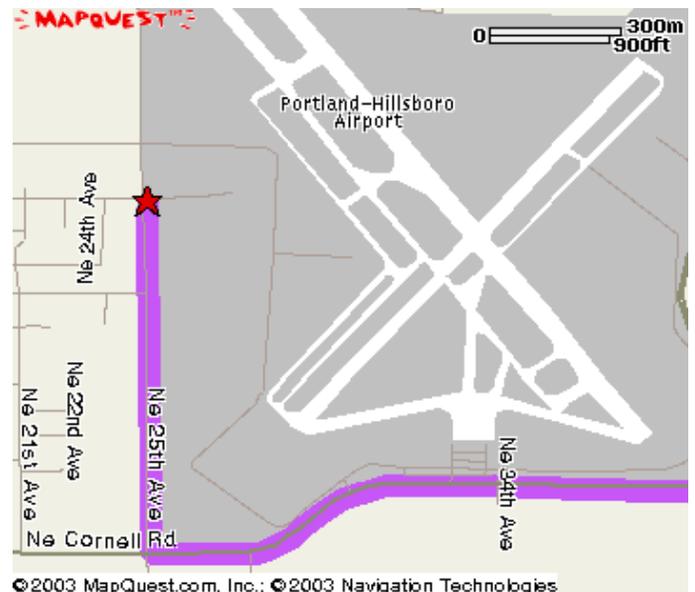
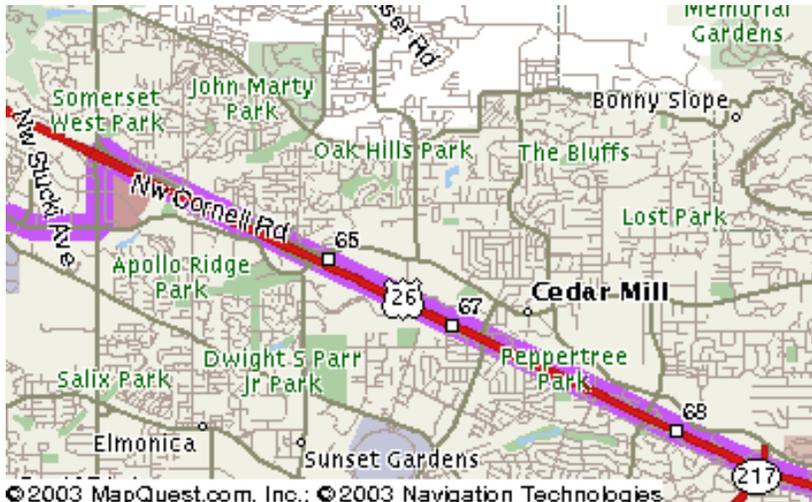


**Directions to Bartlett's  
1900 NE 25th Ave. Hillsboro**

From Mapquest

1. From US-26 West bound from Portland 1405 toward BEAVERTON travel 9.66 miles.
  2. Take the 185TH AVE. exit- exit number 64- toward ROCK CR. Travel 0.29 miles
  3. Turn LEFT onto NW 185TH AVE. Travel 0.58 miles
  4. Turn RIGHT onto NW CORNELL RD. Travel 4.61 miles
  5. Turn RIGHT onto NE 25TH AVE Travel 0.57 miles
  6. Turn right into parking area. Travel 2 blocks and park in right hand lot.
- Total Distance: 16 miles

**GPS 45.538812, 122.956887 or  
45 32.329, 122 57.413**



Very nice, **Logan 9" lathe for sale.** 9-b-28-61.

Change gear model (change gears included) mounted on nice wood bench with 3 drawers.

3 jaw chuck and 2 extra jaw sets. 4 jaw chuck. face plate. drill chuck. live center.

Quick change toolpost & 5 holders. Steady rest. Large cross feed and compound dials. thread dial.

Custom electric variable speed lead screw drive. (allows for change gears to stay set-up for threading while still allowing for fine feeds). Very clean ways, very, very well cared for lathe. \$1200 obo.

Free lessons for beginners.

Brett Flemming. Vancouver,WA. 360-896-6462. efficientvelo@aol.com. Vancouver,WA 98664

## **Newsletter – November 2004**

First off, we want to thank you for your support and participation in the First Annual Gas Engine & Antique Reproduction Show. The show was quite successful and we are pleased to announce that we will have another show in 2005. Our website, [www.oregongears.org](http://www.oregongears.org), will be updated with articles and pictures of this year's show and provide information on the 2005 show.

GEARS is presented by the non-profit corporation, Oregon Home Machinists, Inc., with the support of the model engineering clubs of Oregon. Our goal is to further the hobby of model engineering and Home Shop Machining. It is a labor of love!

We intend to increase the number of people involved in the hobby and to increase the resources available to them. We want to introduce future hobbyists to vendors that provide the tools, kits, plans and books that teach how to participate in the hobby and exhibitors that provide examples of what can be achieved. We will also work with organizations, like schools, that provide training in the industrial arts such as metal working and robotics.

This year about 20 students from the Newburg HS attended the show for free to display their engines and to see the wide range of equipment and engines built by many other model engineers. They were very impressed by what they saw and went away with a whole new perspective of what they could achieve. This is what we are all about!

We had over 1300 visitors viewing over 300 exhibits presented by over 50 exhibitors from as far away as Kansas, Iowa and Wisconsin. Our visitors came from Virginia, South Carolina, Alaska, British Columbia, California, and Canada. The overwhelming opinion among visitors was that we had put on a great show. Many of them took time to thank us for the show and to state that they would return next year.

We had 22 vendors with a broad cross section of the industry including book vendors, companies selling machines and accessories and engine kits. These vendors also contributed to making the show a success and provided insights on how to improve the show in the future.

So, while we did a good job, we know we did not get everything perfect. Some of the areas we will work to improve are: use a better food vendor, parking, improve communications before the show with vendors and exhibitors. In general we want to coordinate more with our exhibitors and vendors before the show to present a show that works for all of us.

This has been a rewarding year. Many people contributed to it, especially all of the members of the Oregon model engineering clubs; the vendors who took a chance on our first year; the exhibitors who drove long miles to put on a good show; and to all of the individuals who stepped up to promote the show throughout the year, help with setup and break down, and just plain made it a great show.

On behalf of the Oregon model engineers, thanks to all of you. We look forward to making next year even better.

Donations are still important toward improving the quality of the show. You can send your donation to:

**GEARS**  
**PO Box 1212**  
**Tualatin, OR 97062-1212**

### **The GEARS Show Committee**

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