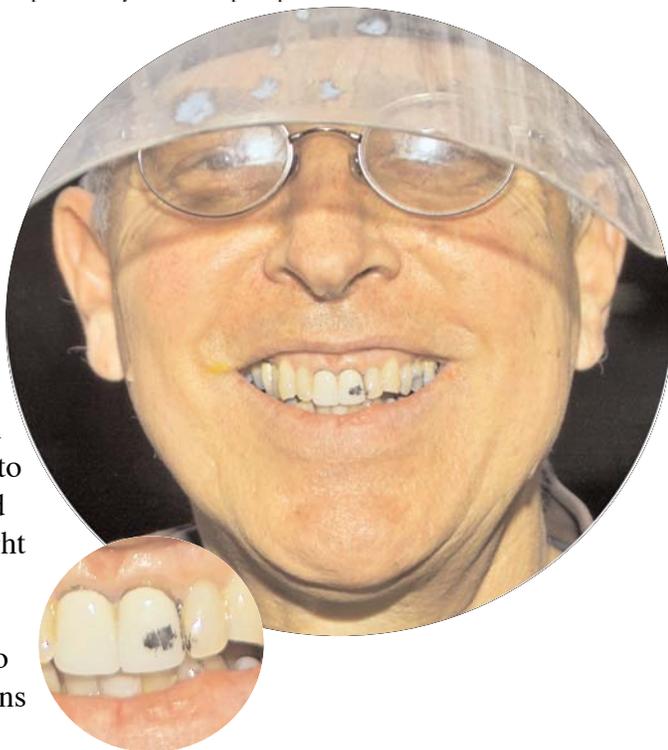


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**Last Month's meeting and picnic** was held at **Bud Statton's** metallurgy abode in Banks. Thanks, Bud, for your hospitality, refreshments, foundry services and entertainment. Bud has spent a lifetime improving peoples' eyesights but now he plans to move into the dental field as shown by the metal filling on his front tooth. Bud says its fairly easy to do if you can splash the molten metal just right while smiling.



The **August meeting is scheduled for Dave Carr's shop** thanks to the leg work of Carl Petterson. See his writeup below and directions elsewhere in this issue.

### **PME Visits Dave Carr's new shop for Club's Tenth Anniversary**

Our August meeting will be held at 1:00 pm, Saturday, August 13, 2005 at Dave Carr's shop, 2095 NW Aloclek Drive, Suite 1114, Hillsboro, OR. It was ten years ago that Dave and Beth Carr placed an ad in the Machinery Section 595 of the Oregonian newspaper ads. Response to that ad was the beginning of the Portland Model Engineers Club. We will observe this tenth anniversary at Dave's shop. The first meetings were held at his shop on Swan Island. This will be the first time we have visited his new shop.

Please bring your current projects to show the club members.

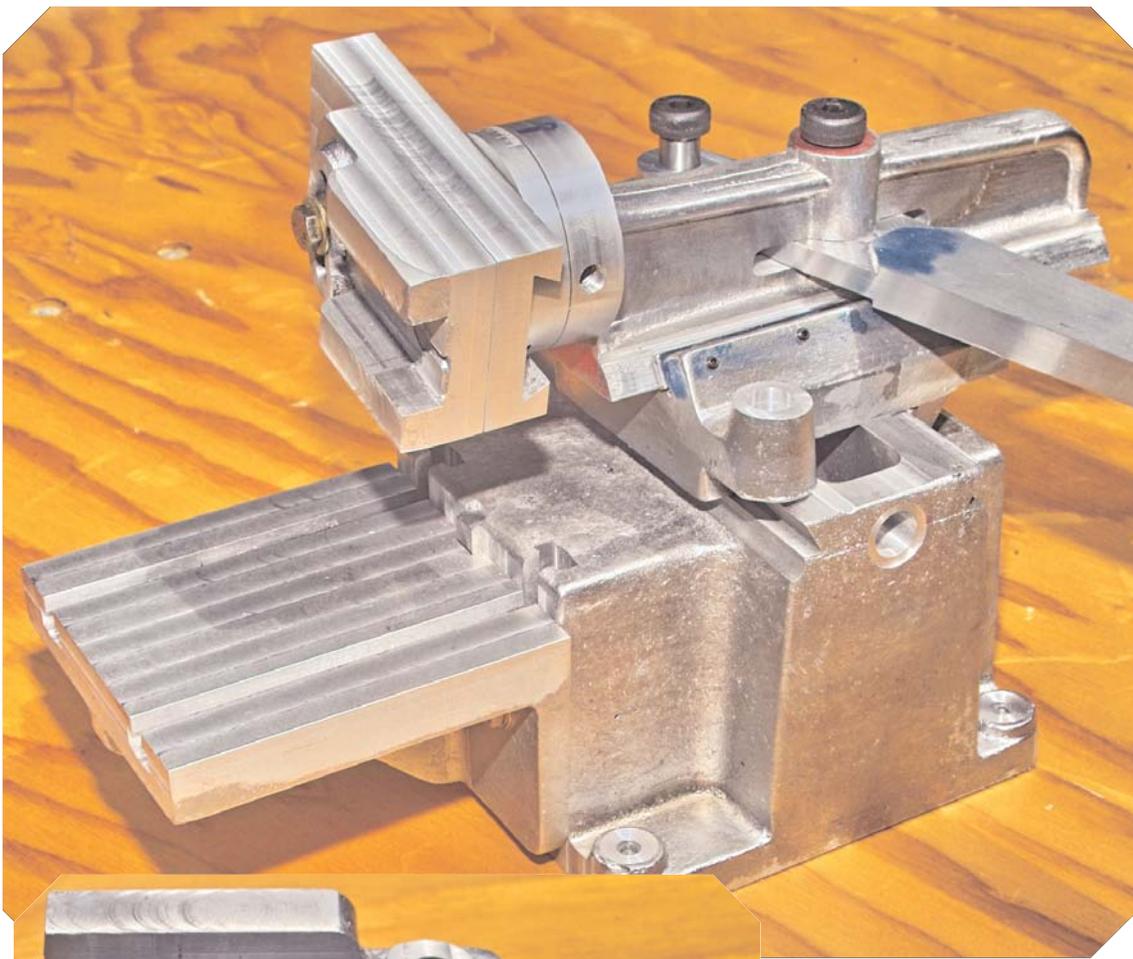
**Directions to meeting:** Drive west from Portland on the Sunset Hwy, Highway 26, to the Cornelius Pass Road Exit. Turn south on Cornelius Pass Road toward Hillsboro. Drive about three quarters of a mile to Cornell Road, turn left (east). Go a short distance to NW Aloclek Drive, turn right. Proceed to Dave Carr's shop at **2095 NW Aloclek Drive, Suite 1114**.

### **Membership Report**

Our club has 125 paid members of which 92 have renewed their 2005 membership. If there is a 2005 printed on your address label your membership is current. If it reads 2004 or 2003 you should renew at the August meeting.

### **Later 2005 Meetings**

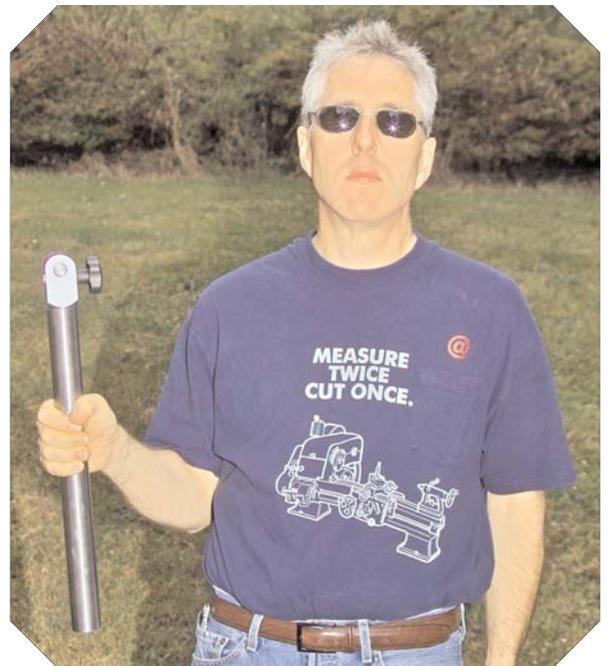
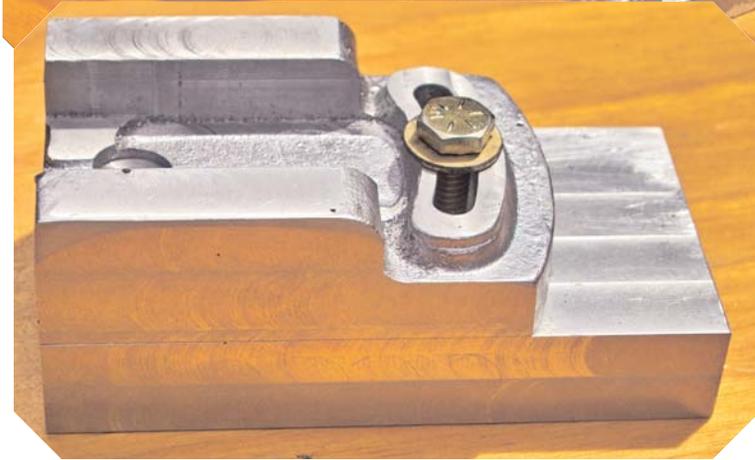
September 10, 2005. Bud Statton invited us back to use his foundry in the country again. He will have his anchor pattern ready to cast some anchors for those members who have contributed some brass and bronze scrap.  
September 24 & 25, GEARS show, National Guard Armory, NE Thirty Third Drive, Portland.



Progress continues on the Armstrong shaper (shown at left). **Tom Hammond** brought the aluminum shaper in its current form. This month's addition was the clapper box shown in close-up just below the shaper.

For those interested in flame throwers, **Rick Larson** (lower left) holds two - one from World War Two and the other from the Vietnam War. It looks like Rick will be ready for the next big one, although he did not provide a demonstration.

**Greg Dermer** (below) holds the heavy duty microscope arm he recently machined. It includes a precision fit using a Cotter Clamp and provides exceptional stability.

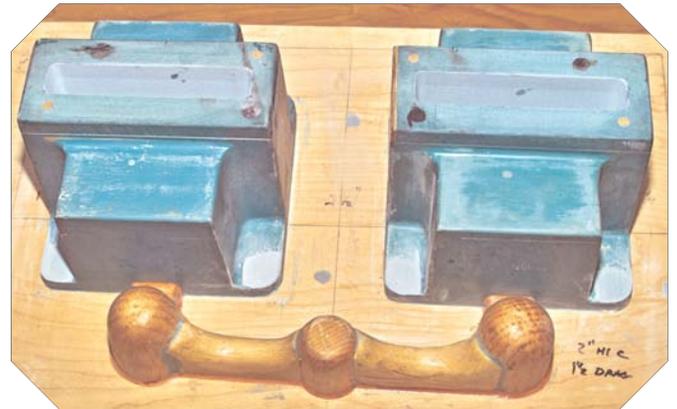


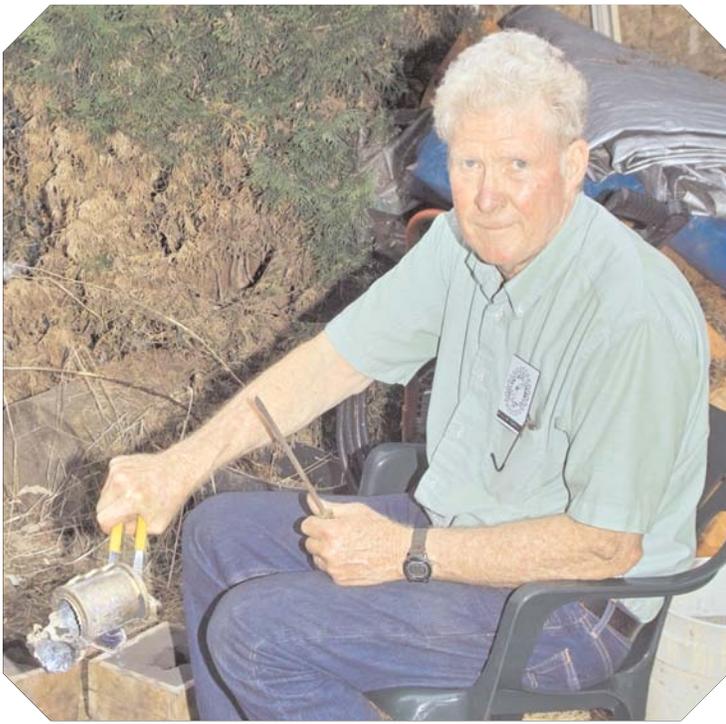


**Bud Statton** has three furnaces. Two are shown above in operation. On the left is the brass furnace while upper right shows that for aluminum.

At right is shown the pattern for the Armstrong shaper.

**Wes Ramsey** brought samples (below) of the train wheels he is researching. Several of these were cast using various methods and patterns while one was machined using CNC.





**Bill Mitchell** pauses his work long enough to show the results of the casting process. He holds a casting destined to become a pneumatic brake cylinder to be used on one of his railway cars. The picture at upper right shows a finished brake cylinder that he cast last year.



**Bud Statton** and **Stony Yakobie** are shown below holding a hot crucible of molten brass preparatory to pouring.

At right is shown the pouring of molten aluminum into a mold for small parts.

