

Metro Detroit Metalworking Club

Newsletter

Volume 3, Number 9 (September, 1999)

NEXT MEETING

Note **SECOND** date/time change

The October 1999 meeting of the Metro Detroit Metalworking Club will be a special meeting held at Ron Biggs' house in Lincoln Park on **Saturday, Oct. 16** (note change from earlier date) **at 2 P.M.** (note change from earlier time). Directions to Ron's house will be mailed or e-mailed to members. Ron will be demonstrating aluminum casting. Additionally, those members helping out with the NAMES Education Day / Machining Demonstration are encouraged to finish their engine projects and bring them to this meeting.

For more information on the club, contact our President, Bob Lorenz, _____

MEETING NOTES

The September meeting was a special meeting held at Bert Campbell's shop. It was an informal event, featuring a barbeque and tours of Bert's shop and the many projects underway therein.

Here's a photo of some of the members gathered around the grill afterwards. Thanks to William Ward for the digital photo. He's the one not sitting in the empty chair in the middle of the photo.



Photo copyright © 1999 by William J. Ward

Many thanks to Bert for his hospitality! Perhaps we can do this again next year?

- David M. MacMillan

NAMES Show

NAMES 2000 is closer than you think. The MDMC will be assisting the NAMES organization next year by running the machining demonstration area. If you are interested in helping, please contact MDMC president Bob Lorenz. (I'm sure that they could also use help during the general setup as well. Putting on this show is a **lot** of work.)

A number of the members interested in helping out with the machining demo and education day met last month to discuss a project to make. The choice of project was not easy - it must be simple enough to make quickly, but complex enough to be interesting. We settled on a very simple oscillating engine designed by NAMES' Earl Gage as a sort of extension of the traditional NAMES "square cylinder" engine. A number of members took home plans for this engine so that we could have several running versions to evaluate the practicality of this project. If you wish to participate and don't have plans, please contact me (David M. MacMillan, [If you do](#) have plans, please try to complete this engine for the next meeting. Please, also, record or remember your thoughts about making this engine, with an eye to evaluating its appropriateness as a Machining Demo / Education Day project.

Don't miss the NAMES home page at:

The NAMES website has a writeup about their Education Day at:

CLUB PROJECT

The club project is, so far as I can tell, dead in the water. Anyone care to revive it?

The difficulty seems to be making a decision between approaches. One approach would be to make an engine from castings, themselves made from patterns generously supplied by a club member. The other approach would be to make a much simpler engine from bar stock, using perhaps some of the very well documented *Home Shop Machinist* plans of Rudy Kouhoup't's. Perhaps we need two projects?

TAPES

If any club members are currently borrowing instructional videotapes, please return them to Bob Lorenz so that others can benefit from them as well.

WISH LIST

The metalworking lecture/demonstration WISH list consists of:

- making an EDM for tap busting
- more on lost wax casting and rubber molds
- casehardening
- tips on boring an accurate hole using a lathe & Vert. mill
- making bullet molds
- shop made tools
- grinding lathe tools
- using a cutoff tool in the lathe
- wiring a garage for shop use

Any one care to tackle any of these topics? Contact Bob Lorenz

- Bob Lorenz

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