

METRO DETROIT METALWORKING CLUB				JUNE '06	
Beginning balance	\$309.96	President	John Osborne	_____	_____
2006 dues income	\$40.00	VPresident	Emil Cafarelliom	_____	_____
Non-dues income	\$0.00	Treasurer	Ken Hunt	_____	_____
New balance	\$349.96	Editor	John Osborne	_____	_____
Expenses	-\$0.00	Publisher	John Lee	_____	_____
Total on deposit	\$349.96	Webmaster	Dan Hittenmark	_____	_____
DUES: \$10/yr. check to MDMC c/o Al Campbell,			Macomb Community College 14500 E 12 Mile Rd, Warren, MI Room T-120 (parking off Martin Rd East of Bunert Rd Next meeting: JUNE 14, 2006 (2nd Wed of every month)		

SPECIAL EDITION!!!

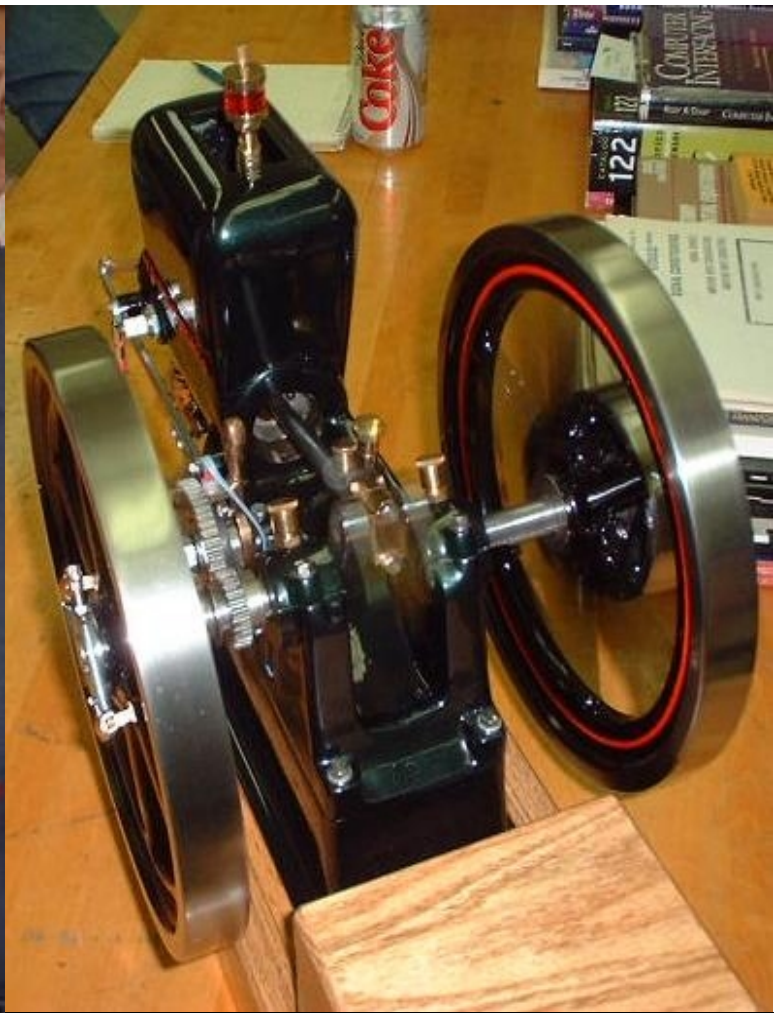
If you signed up for the Metal working class, then be at the college at 4:00PM on Wednesday, May 24th in the classroom next to the metal shop. The class will start with a general orientation, safety rules and other administrative stuff. Payment will be accepted at that time, so bring your check books.

PRESIDENT'S MESSAGE The newsletter is quite early this month. Its because I promised to impart all the information about the metalworking class the moment it was known. Look elsewhere in this newsletter for the details. I am looking forward to the educational experience Macomb Community College is offering to us. The club is a method of learning, too, but there is no substitute for **doing it**, not **just hearing about it**. Maybe I can learn to knurl at last....

MINUTES There were 25 members present, John O. and Emil C. presiding. There were no guests. We talked about the metal working class. After some discussion, we chose the 3-hour class and decided that it should start at 4:00PM and go to 7:00 on every Wednesday for 10 weeks. This would leave a half-hour before the club meeting for cleaning up or getting a snack. There will be two Wednesdays when the club meets after the class. We went to Show and Tells next.



Jim Oleniczak was the man of the night for this meeting. He has brought in fine stuff in the past and he did it again this time. He showed the nicest 1/4 scale model engine. It's a Red Wing Motors Hit & Miss engine. The full size engine was 5 horsepower. This was Jim's first attempt at building a model engine. He bought the castings at a N.A.M.E.S. show and started machining. It took about 2 years of on and off work to finish it. He advises anyone "try it, you'll like it." But Jim sets the bar very high. The machining, fit, finish and paint job were first rate in every respect. On top of everything, the engine runs, and he proved it by running it. I call it kinetic sculpture and its museum quality. Very, very nice indeed.



Jim's fine engine deserved more than one picture, so here they are. On the left is Jim with his engine. On the right is another view of the engine in motion (note the clever artistic blur). It ran for several minutes.

Joe Pietsch gave some thought to two issues. The first is Emil's question: "how do they make hollow door knobs?" Joe thinks they do it with segmented mandrels removed after spinning the backside of the knob. Joe also advised those of us without a nut splitter how to get that nut off anyway. Joe said to clamp a piece of scrap metal next to the recalcitrant nut and drill through it and the nut very close to the threads.



Rick Chownyk announced he was going to show the "Rick-O-matic" at the request of the Portland Machinists guild at a museum in Lansing. After that, it's off to the CNC Workshop in Galesburg, IL. Rick emailed me from the show saying he was very busy and very tired, but **NOT** bored.

Earl Austerberry brought in some drills and a drill-sharpening gauge. It helps to get the angle correct and the same length on both flutes. Drilling is needed in almost any project and in industry; drilling creates about 80% of the tonnage in chips. Earl also mentioned that a new set of drills be sharpened correctly and webs thinned – something few people do.