

METRO DETROIT METALWORKING CLUB			JULY '10
Beginning balance	\$795.77	President	Rick Chownyk
2007 dues income		V. President	Emil Cafarelli
Non-dues income		Treasurer	Ken Hunt
New balance	\$795.77	Editor/Lib	James Howard
Expenses	-\$0.00	Publisher	John Lee
Total on deposit	\$795.77	Webmaster	Dan Hittenmark

### President's Message:

Ok, first of all **THIS MONTHS MEETING WILL BE AT THE COLLEGE !!!** Again, we will be meeting at the same place as usual.

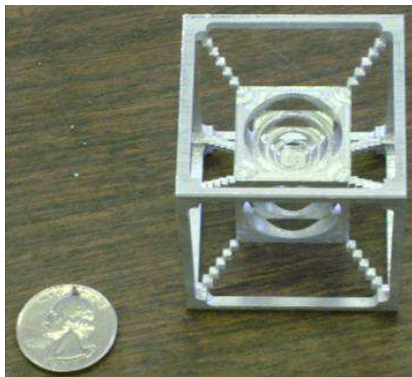
Due to poor planning on my part (and trying to do wayyyyyyyyy too much this Summer) We are postponing the hobby cnc program until September. We will NOT be meeting at Steves this Wednesday!. Next month we will be having our Annual parking lot swap. Start digging out those "treasures" (the ones your wife calls junk...) for the August meeting! We will discuss what we will do in case of bad weather at this months meeting. I would also like to mention that at the December meeting we will really need to look at the current board members and all they have done for sooooo Longggg for the club. Sometimes it's good for a club to get fresh people and ideas.

Makers Faire is coming up at the end of the month and it should be a blast! If you want to volunteer, but are not coming to the meeting, please let me know. Although I hate to say it, I am drawing a blank for this months meeting. So it's going to be show and tell, coffee and doughnuts! Steve Huck has been a busy little beaver and I am sure that will fill the meeting easily!

**HELP !!!** For the Maker's Faire I need the following Items:

- Etch A Sketch ( kid's toy)
- LCD Flat Panel Display
- Tyvek House Wrap

See ya  
Wednesday!  
Rick



**Next meeting:** 7-14-10 **7 PM** Macomb Community College South Campus North Lobby of S Building. Starting time has been changed to 7pm by vote at the June meeting.

### Minutes of Meeting of 9 June 2010

President Rick Chownyk opened the meeting at 7:45pm and asked for a show of hands vote on a request to start future meetings at 7:00pm, rather than our current 7:30pm. The vote strongly supported this proposal: and the time change will commence at the July meeting. Rick asked the membership for ideas for a second club project, similar in scope to the 5-cylinder engine by the membership.

Ken Hunt indicated a treasury balance of \$795.77, with no expenditures during the previous period.

John Lee reviewed his experience with the fire at his home and the water damage and resulting rust problems to his surviving tools and machinery. He identified a material, Evap-O-Rust, from Harbor Freight, which he strongly recommended for rust prevention and removal of existing rust.

Karl Gross presented a very old and unusual bench-model hand-operated drill press and also the first tool he had ever made as a machinist, a small tap wrench.

Steve Huck demonstrated tiny parts he had made for a small V-8 engine, which he indicated will be so nearly complete when finished that it will run as an operating engine, on gasoline and with its own blower feature.

David Clark demonstrated two small steamer engines which he had made in high school shop class.

Ron Grimes presented a small, very neat 5-way air manifold for use as a controller on multiple air engines.



Phil Shannon demonstrated a neat use for a pair of gear segments. He had machined them so that, upon engagement of the segments, a clamping function was formed which allowed odd-shaped pieces to be held for subsequent machining operations. Variation of jaw clamping angle was accomplished by rotation of the segments relative to each other.

There was a peculiarity in the June minutes. All photos in that issue were of an object not identified in the minutes. For the benefit of readers who were not in attendance of that meeting, the tool was demonstrated by this writer, and is a very efficient bending tool, vice mounted, with assorted diameters of 2" lengths of steel pipes which can be slipped onto the 5/16" upper axle pin. The workpiece, red hot at the bend area, can be bent into perfect radii shape, using the lower plate as a stop surface to commence the bend.

James Howard, Metro Detroit Metalworking Club

