

Metro Detroit Metalworking Club

January '10

Beginning balance	641.49	President	Rick Chownyk	
2007 dues income		V. President	Emil Cafarelli	
Non-dues income		Treasurer	Ken Hunt	
New balance	\$691.49	Editor/Lib	James Howard	
Expenses	-\$0.00	Publisher	John Lee	
Total on deposit	\$735.72	Webmaster	Dan Hittenmark	

President's Message:

Happy New Year! 2010, it sounds more like a science fiction movie than the new year! With the passing of the New Year, we are also gaining more Sunlight each day. Not much, mind you, but I'll take every minute I can get ! It should be a fun and interesting Summer, with NAMES, CNC-workshop, Makerfaire and many engine and tractor shows! More info on them will be coming in the next few months. This months program will be about building the 5 cylinder radial engine. I started the group build last year and dropped the ball. Steve Huck picked it up again and is going gangbusters on it! He will discuss certain options we can do, to more personalize our engine. He will also have metal to hand out at the meeting for those who wish to be a part of the project. I have heard many horror stories about group builds, but I am confident that with Steve's leadership we will have a great model we can all be proud of ! Well, that's all for now. Hope to see ya at the meeting! Rick



Flexible solar panel

Next meeting: 1-13-10 7:30 PM Macomb Community College South Campus North Lobby of S Building. Please check the sign on the door to see If there is a room change.

Rick brought up the topic of possible elections. No one wanted any of the positions so the officers will remain the same.

Rick brought up possible future topics. Possible topics Electricity with Steve Huck: different kinds of electrical power , single phase , 3 phase Alternative energy , solar heating, geothermal heat pump.

Phil Shannon is still working on the T-shirts for the club. Suggestions were made on making the design larger.

Ken Hunt was taking dues before leaving to Florida.

Show and tell: Phil Shannon demonstrated various tube benders. Also there was a discussion on a double flair for high pressure hydraulic tubing.

Rick had a number of Tap and drill charts from Metric Unlimited. The charts were made so they would fit in a standard picture frame.

Rick showed his flexible solar panels on thin sheet of stainless steel.

Rick is planning to make a 8 by 10 foot etasketch that will draw patterns in the sand. He is working on this for the MakerFaire at Dearborn later this year.

Steve Huck has a number of large, high voltage capacitors for those members that wishes to use them in 3 phase circuitry or for other applications. Joe Peitch showed a lathe drive center that is made of steel and brass ends.



Traig mini lathe



Joe's Lathe Tool



Bending Tool



Bending Tool



Rick's miniature Etch a Sketch
Now Rick only needs to make it a little bit larger
like 8 feet by 10 feet.



Steve Huck's cnc plaques in wood.