

Nov 8th, 2017

# METRO DETROIT METALWORKERS CLUB

Monthly Newsletter

## Notable News before this month's letter...

*There were a couple of club events that took place between the October and November meetings, both were open for all to attend, and I've tried to capture them for you; please see the last two pages of the newsletter.*

## Laser Focus...

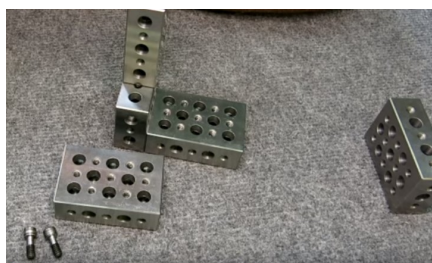


*Don was leading an impromptu discussion as the clock neared 7pm, about lasers of course, and held up the start of the meeting.*

*Well that's mine and Kevin's story anyway... There was light being shed on some interesting "laser" facts.*

Ron gave us a bit of a challenge as the Vice called the meeting to order, he had brought in a tool he designed and asked if anyone in the group could guess what it was, a la Mr.Pete222 style. Turned out to be a homemade tool used to install circlips on pistons, way better than needle nose pliers for sure! Wish I could have got a picture of it.... it was a beauty. Thanks for bringing that in, Ron.

*The Experimental Aircraft Association inter-club meeting with MDMC was discussed and Steve gave a nice recap of the event while we shared a few photos on the BIG SCREEN for everyone to see. For the full story please check out the last page of this newsletter.*



Video of the week was Tom Lipton's copy of the Robin Renzetti style 1-2-3 blocks. These blocks are amazing, they're as simple to stack as Lego. If you haven't seen Robin's videos, you NEED to, top shelf work and the attention to detail will impress all. Search (ROBRENZ) on YouTube, you won't be disappointed.

Ron, our other Ron, was looking for someone to take over the apparel line for the club. We may have a volunteer, more news to follow in the new year. Ron has done a great job, made many of us look good doing what we do... THANK YOU Ron!

As a result of the change, Brian Lawson made a motion to have the club purchase out all the inventory that Ron fronted with his own money. Motion was seconded by Steve Huck, and the I's passed it.



## Worthy of a made for TV movie...

*Ten year Tim, as he'll forever been know now, has been an admirer of the club and trying to get to one of the meetings for ten years, yes TEN years. Well the stars aligned this month, his schedule was finally clear and he made it out!!! I sure hope we didn't disappoint.... That would have been too much pressure on us had we of know before the meeting. Thanks for waiting until the end to tell us Tim. You're welcome back any time.*

## The Vertical Milling Attachment

As many of you know, Dick and I have been working away at realizing his long held dream of combining the Clausing horizontal mill with the vertical M head from Bridgeport. We're one step closer, and it was a topic for discussion at the meeting, now that we're beyond the prototype stage.

I want to share a bit about the latest level casting. The casting side of this project has been supported by the team at Wells Foundry in London Ontario. Matt Wells and his late father, Steve Wells, who I initially contacted for the prototype piece, have been a great help in getting this off the ground. They both have taken the time to work with us to get a great casting developed, for that I'm very thankful, it's made the experience enjoyable.



The Wells Foundry was established in 1910 and has some ties to the model engineering hobby as well. Brian Lawson from the club, and a few others were well aware of the name and the connection to the hobby. Matt's Grandfather, George (Pictured left with the scale model) was an active member in the modelling community for many years.



As you can see the Wells Foundry is an "all in the family" type of place and Matt (pictured in bottom row, 4th from the left) continues to help support the model engineering hobbyists with good castings. While I was in there dropping off our pattern he showed me a small connecting rod that he was working on duplicating for a customer. If you've got a need for good quality castings and service, check them out. (<http://www.wellsfoundry.on.ca>)



## Happy Thanks Giving Everyone... We'll not see you again until after the Thanks Giving Holiday when we meet for the Christmas Dinner on December 13th.

Speaking of the Christmas dinner, we've already got a decent list going so please refer to it before picking out something to contribute for the event. We've got some beverages, slaw, pies, pizza, salad, chicken, rolls and Ron "the BOSS of the sauce" is bringing something I wouldn't be able to pronounce, spell or dare attempt to make either!!! Buon appetito!

## Model Engineering

### MDMC Talent

### A Celebrity Sighting Too...

**Tenth Annual Mid-East Ohio Model Engineering Expo!**

Automobile Engines, Miniature Guns, Tool Vendors, Demonstrations, Aircraft, Motorcycle Engines, Stationary Engines

**Saturday, October 21, 2017 9 a.m. to 4 p.m.**

**Muskingum County Fairgrounds**  
1300 Pershing Road • Zanesville, Ohio

**Model Enthusiasts**

- Precision machined gas, steam, and sterling cycle engines
- Fully operational models
- Miniature machine tools and supplies
- FREE parking on premises
- RV parking available on premises (FREE without hookup)
- Convenient from local hotels and restaurants

**Vendors/Exhibitors**

- Set up Friday, October 20, 9 a.m. - 6 p.m.
- Electric included with booth fee
- FREE parking on premises
- RV parking available on premises (FREE without hookup)
- Complimentary forklift and operator available
- Convenient to local hotels and restaurants

**For further information contact:**

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**George Hughes**  
252 Oakland Avenue  
Zanesville, OH 43701  
E-mail: tgnitor@columbus.rr.com

Steve, Jim and Louis all made the trip down to Zanesville Ohio to attend and entertain at the tenth annual Model Engineering Expo.

Steve made note of some new attendance records and the

absence of a long time attendee as well : The hall was fuller than in past years. All the regular gang was there but it was noticed by many that long time builder, Dale Detrich was not there.

Dale's health is getting bad and can no longer attend the shows"

Good job Steve / Jim / Louis, and a big thanks for representing the club with your efforts both on and behind the tables...



Steve Huck was lucky enough to snap a photo with local celebrity John Saunders of S.M.W. (Saunders Machine Works). John, pictured with his son as well, is always providing content through his YouTube channel that stimulates growth and learning for

everyone. With his endless energy, he's an all around great ambassador for the metalworking community, and working very hard to grow it, all while running his business too!

Here's a little info from John's YouTube channel, NYC CNC : (I'm John Saunders and this channel documents the adventures running a Machine Shop! Join as we create models in Fusion360, machine parts on the CNC Tormach mill, weld, grind, polish, plasma cut and more! We love mixing in Arduino, motors, sensors and more!

After college, I worked a desk job but wanted something more in life. I bought a benchtop CNC mill and started teaching myself. 8 years later, I run my own shop! If I can do it, you can! The videos start in a Manhattan apartment then a basement shop and finally now in a "real" shop in Zanesville, Ohio called Saunders Machine Works! I kept the NYC CNC name on YouTube because (and I'm proud to say!) we have over 110,000 subscribers!)

Check out John's video content at ([www.youtube.com/user/saunixcomp/featured](http://www.youtube.com/user/saunixcomp/featured)) and be one of the more than 29 million views that John has so far!!!



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The group over at EAA, who are 107 members strong, invited MDMC back as



Experimental

Aircraft

Association

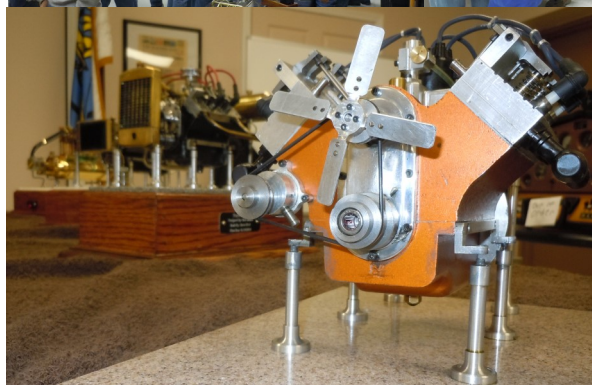
guests for their November meeting. With a plane as the anchor for their meeting hall, the group is surrounded by reminders of flight and how amazing it truly is... Very cool!



With some last minute touches to make sure all was ready to go, the tables were set and prepared for the start of the show.



Jim fielded his fair share of questions and captured the attention of the young and not so young too...

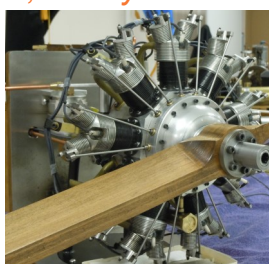


Speaking of the young, have you ever wondered what these displays look like from their perspective? Check out the Kid Cam view of Steve's table!!



Both Louis and Jim deferred to Steve for the presentation portion of the evenings agenda and Steve did a great job sharing info on what the MDMC is, what you do and answered many questions.

The "most at home" award went to Louis's beautiful nine cylinder radial!!



All in all it was a great event!  
Thanks Guys (#MDMCPROUD!)

