

May 10th, 2017

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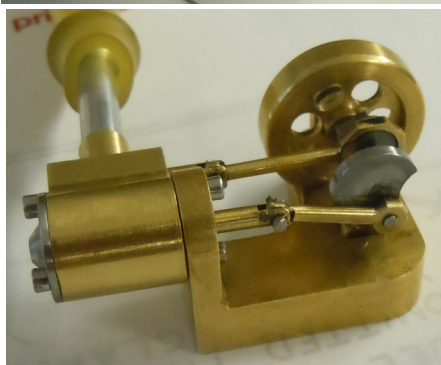
Monthly Newsletter

Room 102 stretch out...



N.A.M.E.S.

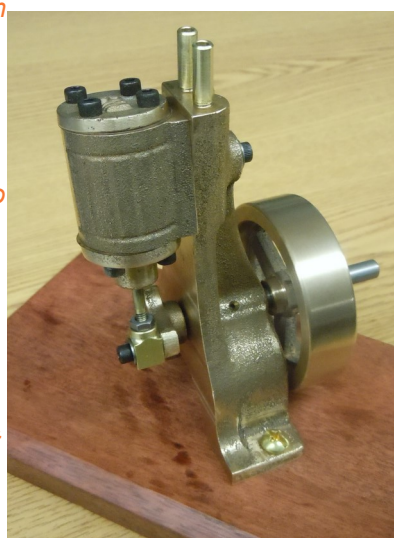
The 2017 NAMES is in the books as they say and this month's meeting was kicked off with a viewing of a few photos and videos from the event. It was a big hit by all accounts, MDMWs put on a good show with a variety on display. Thanks to Jerry for snapping a few photos during the day and for those that couldn't make it out, they'll all be together at the end of the newsletter for you viewing pleasure.



The challenge was thrown out (complete the Huff N Puff engine build) with 2018 NAMES as the target completion date and the Vice went out and destroyed that timing. Done and Done for the 2017 show. Nice work Kevin!

Kevin also took the time at this month's meeting to show off his Huff N Puff strength, pictured above, noting that it was really cool to go through the entire build before testing the engine and it still fired up and took off with just one Huff N Puff. He brought along the special clamp he made for part of the build and also made mention of the great care that had to be taken when machining the small (0.010") slots that are splayed to hold a part in place. Twenty of the frames were graciously donated by the President, Kurt Schulz, one down now and only 19 to go!

Kevin was also running his #2 Oscillating, it's pictured to the right here, and for those of us present Kevin gave us the green light to fondle and feel it



Steve Huck made mention of a contest that is open for all and will be judged at the 2018 NAMES, check it out and start putting pencil to paper!

The Joe Martin Foundation for Exceptional Craftsmanship is holding the
2018 Machinist's Challenge Contest.

Details available at:

<http://www.craftsmanshipmuseum.com/Challenge.htm>

CNC Gasket Build

Jim Peter shared a video with us where he went through the process of making head gaskets using a unique combination of CNC and manual punching movements to create a really nice product. The CNC was used to create all the features of the gasket, in a sacrificial piece of stock (just some CR steel that was available), stepping through the program a second time Jim would use the manual quill motion to punch out the material at the precise location. Impressive idea and even better results. He even has a Bic Pen in his automatic tool changer!! Check out the video at : <https://youtu.be/97ZrmYyTvn4> on YouTube today!



Can I have your **undivided** attention please...

Carl took us through some of the finer details of the dividing head set that he had on display during this years NAMES. The unit is capable of dividing into any number of divisions so if you needed a gear with 61 teeth, this little gem will do the trick! Some really nice work hidden in that even nicer carrying case.

Nice work Carl

Other Notable bits of info:

- Carl has a line on some 303 stainle\$\$ if you need some let him know.
- AISI 12L14 carbon steel is known as the fastest machining bar product. Or as Kevin pointed out, the L stands for machines **Like** Butter!
- If anyone has some good tips for sturdy boring please share at the next meeting as we have someone looking for some help to get a good set up on their lathe.

The Don is back from Florida

“ I’m going to make him an offer he can’t refuse “ The Don has spoken and the 2017 dues are due. \$10 for all this is more than a bargain! Get the cash in or sleep with the fishes



Next meeting, June 14th

2017 NAMES

