22WW08 Machine shop meeting notes 02/26/2022

Saturday, February 26, 2022 5:08 PM

In-Person Attendees:

Presence	Name		Presence	Name
X	Tim Bene		X	Thomas Fagan
X	Charlie Procter			Malcolm Galland
	Paul Morley			Max Holthaus
X	Bob Karnaugh			Dave Kessinger
	Nick Silva			Richard Anderson
X	Art Givens			Chuck
	Chris Marlow			Jeremy Bluba (SP??)
	Nathan Sanders			Shay Galland
	Pierre Alkubeh			Bud Farnham
	David Ammnan			Jim Kreter
	Richard A. Anderson		X	Randy Lisbona
	Beth Appleton		X	Jay Phelps
	Kevin Braby			Michael Royal
	Jerry Breitling			David Shannon
	Joe Brown			David Shirato
	Alan Faragher			Kevin Thompson
	Joe Gursky			David L. Turner
	Michael Haugen			Victoria WIxon
X	Edgar Lozano			Edsel Wu
	Paul Cinak			Ray (illegible script)
	Tim Barnhill			Grant Hobbs
	Bill Konersman			David Steele
	Captain			Jose Robles
	Daniel Thompson			Jack Smith
	McFly Dallas			Brian C
X	Nate Delp			Chandra
X	Anne Aditya			Julio
X	Kevin Oliver			

On-Call Attendees:

Chris Marlow				
Nick Silva				

Proxies:

Attendee:	Proxy For:

Action Items:

- [ ] (Thomas, 02/26/22) HAAS - Work with Tim and Art to get a HAAS order placed
  - X-Axis home switch
  - Way wipers
  - DTE25

- [ ] ( )

Review Action Items From Prior Meeting:

Upcoming class commitments (and Needs / Carry-overs):

Tool Issues:

Bridgeport

Volster is missing parts and needs attention
New belt arrived 01/21/22 for the HAAS drive
New draw bar was ordered and is here

Bandsaw

Tormach

Tailstock doesn't feel like it locks down like it should
1/64-1/2" stubbies were bought for the Tormach

For Purchase:

HAAS

X-Axis home sensor
Way wiper replacements
DTE25

Tool Issues:

Kalamzoo cold saw blades

Bridgport
- noise
  - Tim is looking at the plastic bushing insert
- Tool release switch is flexing

The allbright chucks are rebuilt
- 2.5mm bearings which is different than the newly designed version

Kalamazoo cold saw
- blades are in the cabinet
  - There are blades in the cabinet and waiting for someone to get off their ass and change the blade

Evolution cold saw
- Blades are gumming up
  - One tooth seems to be the worst offender
  - Discussions:
    - Polish the offending tooth with a stone
    - Get the blade reground

HAAS
- Haimer
  - Thomas commented there is a lag between movement at the 1/10 thou movement and the registration on the Haimer

Shark Lathe
- Nate mentioned the taper was off by about

Shapeoko
- Anne mentioned the router was making noise
  - Jay stated he will check it after the meeting
- Anne mentioned the threads on the hold-down was stripped

Plastics bandsaw
- Marked training required
- Needs a good blade for plastics

Discussions:

$5631 Machine Shop balance (We are down two months of allowance)

Bizwacky is working the HAAS computer
- Board approved the purchase about 1 month ago

Nick mentioned that Titans of CNC has a Mastercam Promo
- Education License 1 seat 1 year license for $160
- No one knew the limitationsy

Mastercam Status

Computer (for next to the HAAS)

The computer is being ordered by infrastructure and has been ordered

Nick taught a class on 01/22/2022

Lighting

Glassworks lighting lux 900-1000

Machine shop lux reading 200

Max/Tim stated we want to bring the lighting down - This won't work as we climbed up and the lux reading was marginally better 350 'ish

Do we want to do what jewelry did…..

Chris Marlow stated the current bulbs are:



5000K 5500 Lumens - 43W - T8 LED Tube - FT96T12 Replacement 120-277V

Bulbs were bought from 1000bulbs

Chris stated that we have the rep's name and he wants to be very helpful

Tim now has the rep's contact info and is going to follow up with the rep

Nick stated the company he works for bought flashlights for each station….we all laughed and said we should get headlamps

Julio brought up wanting a gear hobbler

Charlie recommended that we can buy specific cutters for the gear Julio wants to cut

Nate mentioned you can rent them

Nate stated he and Max would like a hardness tester

Nate wants a dial type of hardness tester

Paul said one was going up for auction in Burleson….It is dial type

Daniel Thompson wants to build a cylindrical surface grinding attachment

Daniel needs to talk to Paul about the surface grinding

Tormach

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Colchester Lathe

Tim brought-up a DRO was approved for the Colchester and never acquired

The committee approved $750

Drill press

The chuck seems to be wobbling

That and poor drilling practices is leading to failed drills

Kevin stated he would like to be checked out on the Sherlines to verify his standard operating is aligned with ours and volunteered to teach the classes

Meeting adjourned 18:20