

## The Crank Calls



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### MEMBERSHIP \$25.00 US

Contact Paul Denham at  
pedenham@comcast.net

**DUES are now due!**

### **NEXT MEETING**

**February 15, 2020 at the  
Golden Gate Live Steamers facility in  
Tilden Park, Orinda, CA**

Doors open at 9:00 AM  
Meeting starts at 10:00 AM

### Upcoming Events

BAEM meetings 3rd Saturday of the month except  
December

- February 15, 2020
- March 21, 2020
- April 18, 2020

### MEETING PLACE FOR February 15<sup>th</sup>

We will meet this month (February) at the  
Golden Gate Live Steamers facility in Tilden  
Park, Orinda, CA.

### MEETING NOTES

January 18, 2020

Note taker: Mike Byrne

BAEM meeting on January 18 was at Museum of  
American Heritage in Palo Alto. There were 23  
members in attendance.

**NEW MEMBERS/VISITORS:** None

### **TREASURER'S REPORT:**

The **2020** dues of \$25 are due. Dues can also be  
mailed to Deirdre Denham at 1937 Merchant St,  
Crockett, CA 94525. Make checks payable to  
"BAEM".

The BAEM club is solvent.

**CLUB BADGES:** If you are a member in need a  
badge, contact Mike Rehmus  
(mrehmus@byvideo.com) who has offered to  
produce them.

### MEETING VENUES:

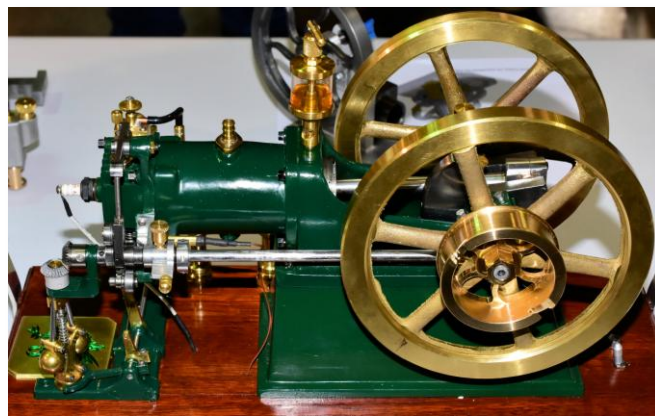
Commute to MOAH from North Bay is becoming  
burdensome for some members. Paul asked that  
members consider options like meeting more often  
at Golden Gate Live Steamers.

Watch Crank Calls and BAEM Web page for  
updates.

### SHOW PARTICIPATION:

Nothing to report this month.

### FIRST POPS (WITH REWORKED ENGINES):



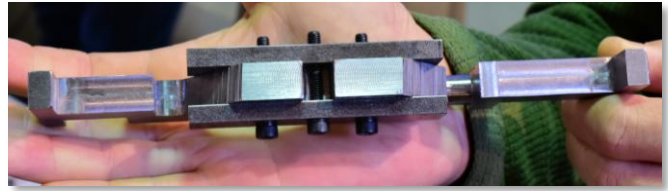
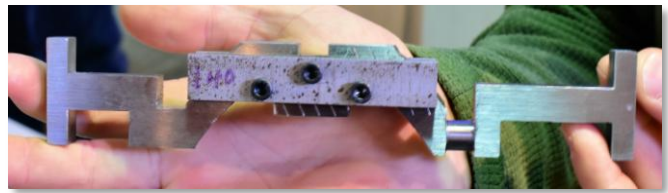
Paul Denham added a spring controlled fly ball  
governor to his Wyvern made from Dwight's  
castings.



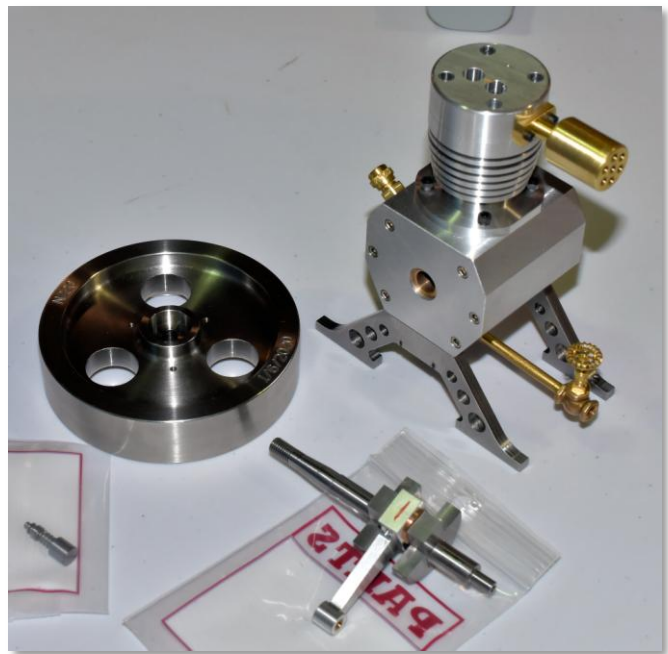
It is a very intriguing design run by bevel gears with a torsion latch return spring.

Paul also had a Hercules 2 cylinder engine running after some rework.

**BITS AND PIECES**



Dwight brought in a Wall 4 casting set and showed a fixture to turn the crankshaft. Dwight also has an 8 in Phase II rotary/indexer for sale.



Jim Freel and Jerry Franklin are building Silver Angel engines designed by Bob Shore. Jerry turned



the cylinder and Jim had a number of parts assembled.

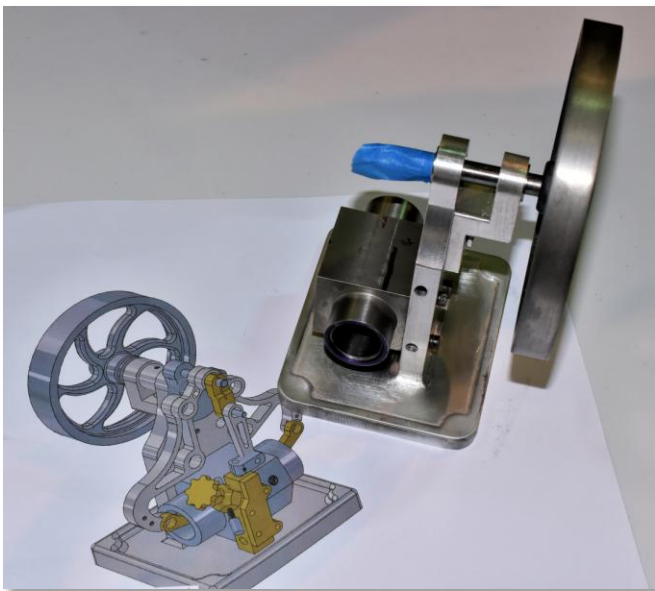


Peter Lawrence showed his Merlin head assemblies with 2 cam shafts ready for grinding on his newly completed cam grinder. He share challenges in straightening the cam shafts after heat treating.

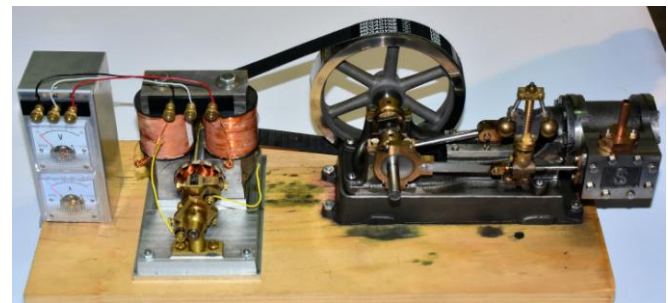


Steve Jasik brought in some shop made items including a collet stop tool and threading die holder for use with lathe tail stock.

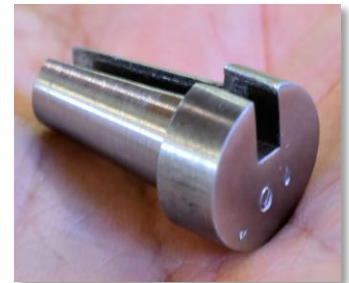
**ALSO SEEN AT THE JANUARY MEETING**



Ken Brunskill described using SolidWorks to create a solid model assembly for an Atkinson Differential engine. This helped discover some drawing errors and enhanced SolidWorks CAD skills.



Peter Lawrence's Edison dynamo with Stuart No 9 steam engine drive



Dwight Giles tapered broaching bushing

Another take on the fly ball governor