

# The Crank Calls



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## **MEMBERSHIP \$25.00 US**

Contact Paul Denham at  
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**DUES are now due!**

### **NEXT MEETING**

**September 21, 2019 at  
Museum of American Heritage  
351 Homer Avenue  
Palo Alto, CA**

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

### **Upcoming Events**

BAEM meetings 3rd Saturday of the month

- September 21, 2019 @MoAH, Palo Alto
- October 19, 2019 GGLS, Orinda (Tilden Park)
- November 16, 2019 @MoAH, Palo Alto

### **MEETING PLACE FOR September 21st**

We will meet this month (September) at the Museum of American Heritage in Palo Alto. The address is 351 Homer Avenue in Palo Alto.

### **MEETING NOTES**

August 17, 2019

Mike Byrne

BAEM meeting on August 17, 2019 at the Golden Gate Live Steamers in Tilden Park.

Meeting featured a "sell/swap" opportunities.



### **Check for meeting location updates!**

Look ahead schedule showing meeting locations thru 2019 has also been posted at <http://www.baemclub.com/pages/nextmeeting>

### **Memorial**

Paul Denham noted that the Ken Hurst Memorial on August 2nd in Napa was well attended. Ken was a long time BAEM member and collaborated with Dwight Giles on the Black Widow V8 design/castings project. There was some ensuing discussion of estate planning and disposition of model engines and shop equipment. It was noted that club members could be assets in finding ways to preserve model engines

**NEW MEMBERS/VISITORS:** None.

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

The 2019 dues of \$25 are due in January. Dues can also be mailed to Paul at 1937 Merchant St, Crockett, CA 94525.

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.

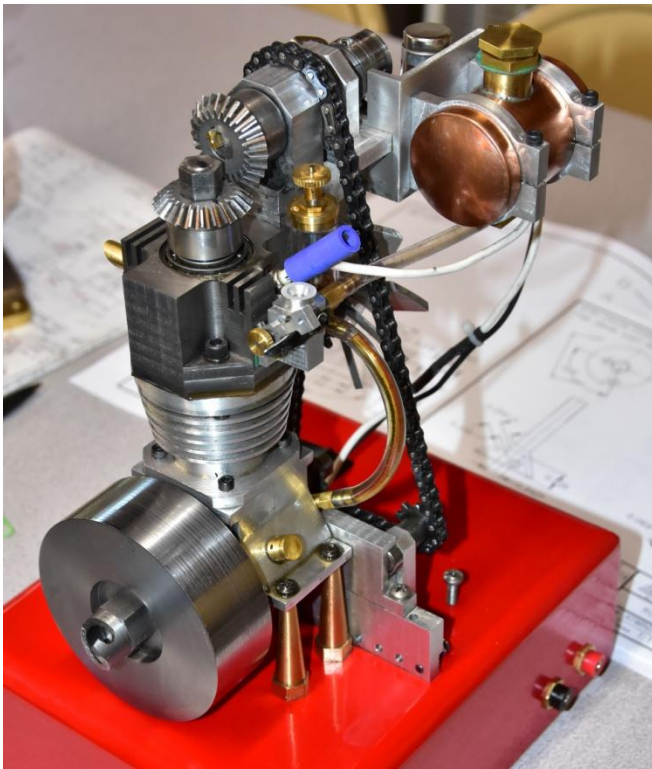
### UPCOMING SHOWS:

Goodguys West Coast Nationals show will be Fri, Aug 23 – Sun, Aug 25. Setup day is Thur, Aug 22 and Steve Hazleton will have exhibitor tickets available for pickup. If you arrive on Fri, call Steve on 707-501-3535 and he can bring tickets to the gate. Compressed air will be available for steam engines; IC engines must be run outside. Paul Denham offered “extra” engines to show for BAEM members that would like to participate.

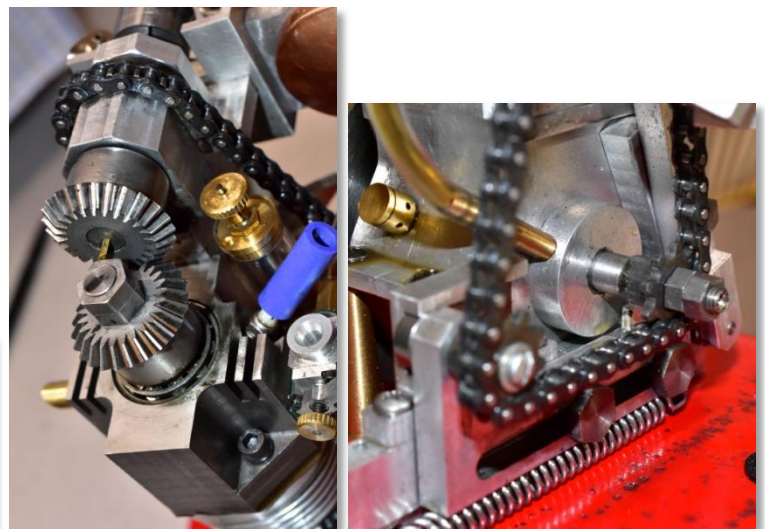
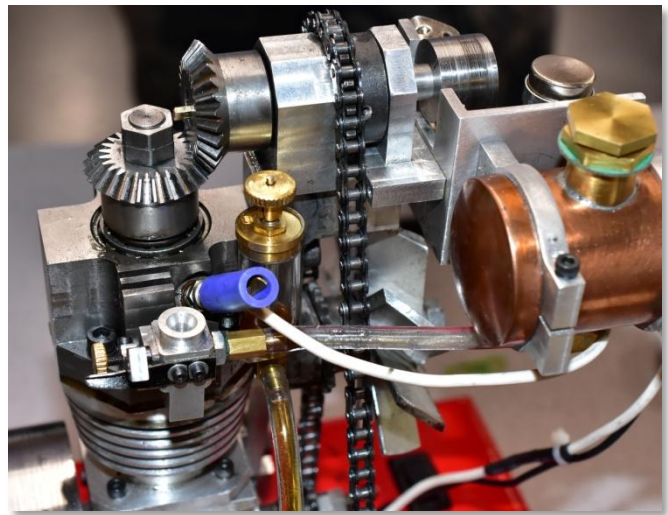
Shannon Lile mentioned that the Antique Equipment Show at McFarland Living History Ranch in Galt, CA will be the first Saturday in October (5 Oct). BAEM is invited to participate.

Ray Fontaine and former BAEM member Dave Palmer showed model engines at the Penngrove Power and Implement museum at the July 13 show. Ray described some of the interesting large engines running at this show.

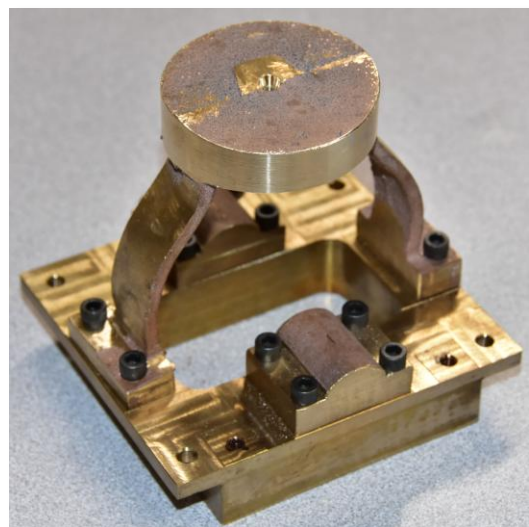
### FIRST POPS:



Joel Cohen showed a four-cycle single cylinder engine using a single rotary valve. He described challenges in tuning the rotor chain tension.



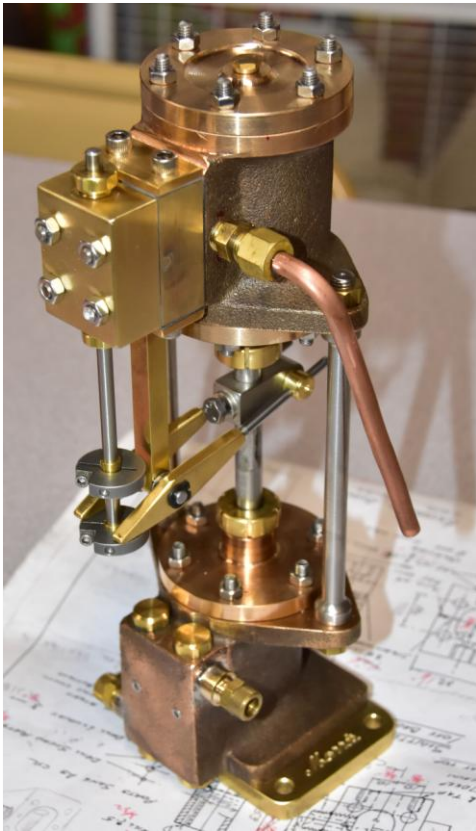
### BITS AND PIECES:



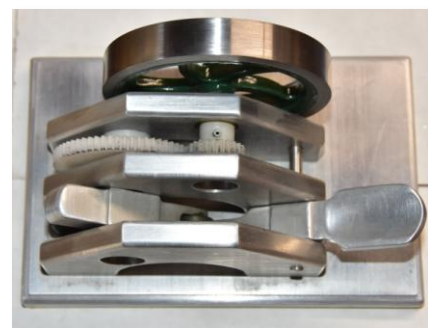
Ray Fontaine had a bronze casting assemble that was part of a model steam engine for a boat. He reported some significant dimension problems with

the castings and suggestions were made regarding repair options.

Mike Rehmus mentioned a Popular Mechanics article on Skip Adrian's invention of a laser edge finder.

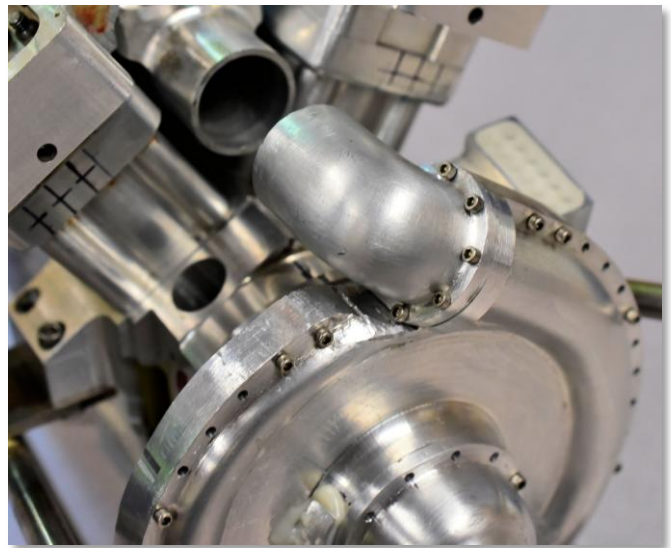
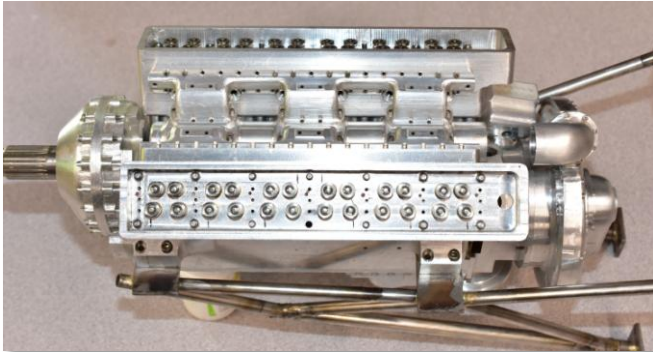


Charlie Reiter had a brass heat pump. He also showed internal gear segments for tractor wheels that were cut from flat stock using a water jet.

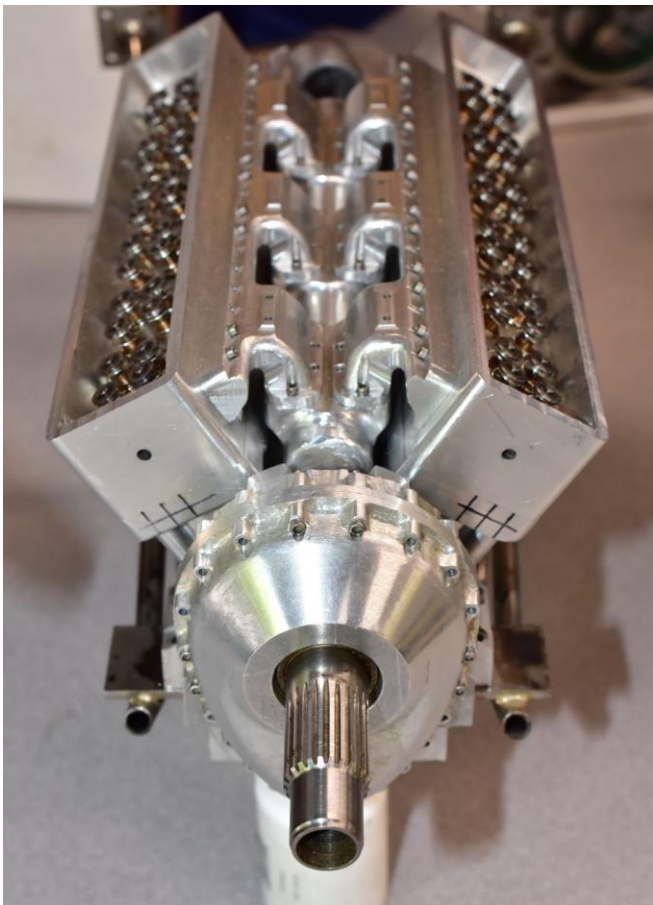


Thomas Blanchard showed a finger clutch engine made from Home Shop Machinist plans. He offered to share his jigs with anyone interested in the project. He also noted that the

September/October issue of Home Shop Machinist included a CAD article and an editorial addressing whether CAD topics were appropriate for the more general interest HSM or should be addressed in the more focused Digital Machinist. It was noted that Alibre is now offering a 180-day free trial and Solidworks offers \$20 academic licenses to veterans. This precipitated considerable discussion on CAD/CAM in general and relative merits of Alibre. No clear consensus emerged.



Peter Lawrence brought his Merlin and showed ongoing progress with supercharger. There was some discussion regarding viability of using a slip clutch to turn the impeller shaft as the way to start the engine.



Dwight Giles showed drip oilers that he had rebuilt using polished acrylic to replace the glass.