

The Crank Calls



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MEMBERSHIP \$25.00 US

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NEXT MEETING

**July 18, 2020 at the
Golden Gate Live Steamers clubhouse in
Tilden Park, Orinda, CA**

Doors open at 9:00 am

Meeting starts at 10:00 am

Meeting will be outdoors, masks required.

Social distancing will be observed.

Bring stuff to swap/sell/trade!!!

Upcoming Events

BAEM meetings are usually 3rd Saturday of the month except December. Upcoming meetings:

- July 18, 2020 at Golden Gate Steamers
- August 25,2020 at [undecided]
- September 19, 2020 at [undecided]
- October 3, 2020 at GGLS—open house

MEETING NOTES

June 20, 2020

Note taker: Mike Byrne

Bay Area Engine Modelers met at Golden Gate Live Steamers on Jun 20 attempting to observe the “social distancing” policy guidance. Meeting was convened on short notice and sparsely attended.



NEW MEMBERS/VISITORS None.

TREASURER'S REPORT

Liability insurance for show coverage has been renewed. Wes Wagnon has taken over Crank Calls editing and distribution. Reproduction for hard copies of last issue was \$50. Show schedules (including BAEM plans to adjust meeting dates to align with GGLS show dates) remain "to be determined".

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

Upcoming meetings will likely be at GGLS, due to the ability to meet outdoors, reducing the risk of Covid 19 infection. Masks must be worn. The October BAEM meeting is currently scheduled for the first Saturday, October 3, to overlap with the GGLS open house. Watch Crank Calls and BAEM Web page for updates.

SHOW PARTICIPATION Nothing to report this month.

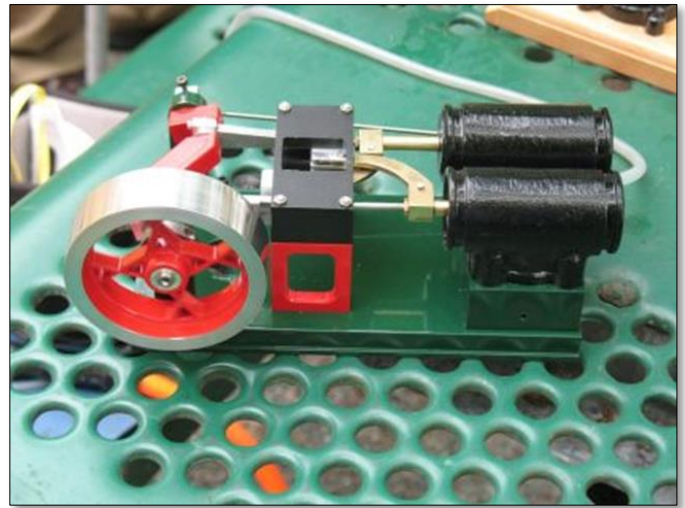
FIRST POPS

Paul Denham has had a productive couple of months. He has focused on steam engines, largely because his spouse had concerns regarding running IC engines in the house. Last Crank Calls reported on his scratch built twin beam steam engine with Peaucellier-Lipkin linkage (photos in last month's Crank Calls).

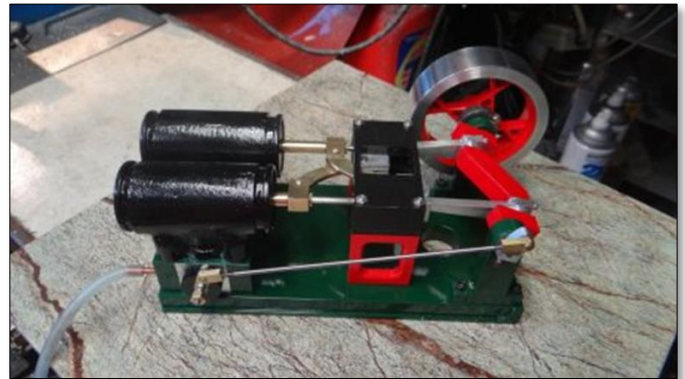
His latest is an Elmer's #34.

See this link:

(<https://www.myheap.com/metalworking/resources-downloads.html>) for soft copy of Elmer's engine design book. This "crossover" engine features two cylinders (repurposed brake cylinders) and 4 Delrin pistons.



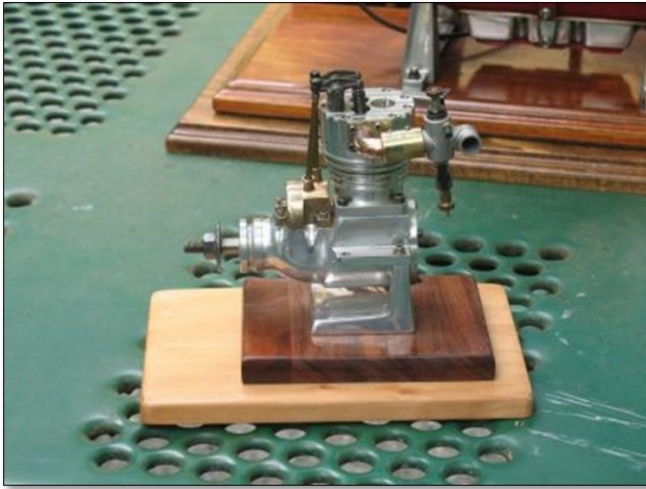
Paul's Elmer #34 cross over engine
(<https://youtu.be/zPaMM6dOVTM>)



BITS AND PIECES

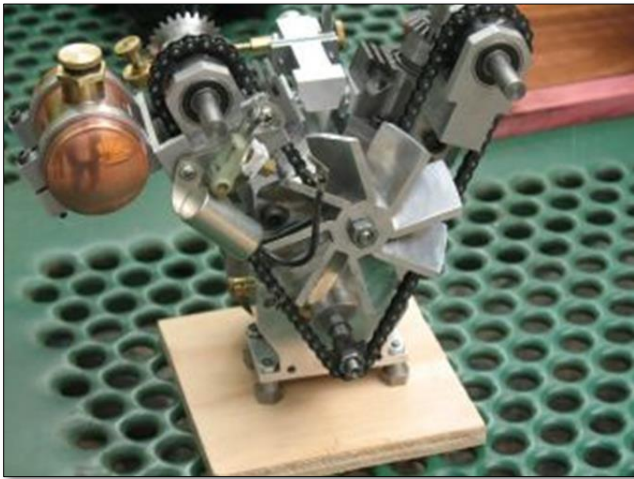
Bob Kradjian brought in two engines. He ran a Challenger V-8 (normally aspirated, triple carburetors) that he purchased and, with some effort, got running. Builder was unknown. He also showed an ignition Enya single cylinder airplane engine replica. Bob machined it from bar stock but used the OEM carburetor. Here's Bob's reworked Challenger:





Bob's Enya replica

Joel Cohen showed his almost completed twin cylinder rotary valve engine. He reported some design issues, including the first cut at the cooling fan that blew air in the wrong direction.



Joel's rotary valve

Charlie Reiter showed a twin engine steam donkey with operating steam boiler. Inspiration was a barge mounted steam donkey with a winch for log handling and a power takeoff to a paddle wheel to relocate the barge.





Charlie's steam donkey

FOR SALE

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