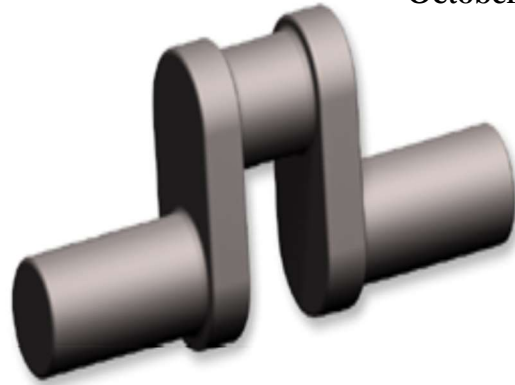


The Crank Calls



President	Paul Denham	pedenham@comcast.net
Secretary	Your name here!	Please consider volunteering
Treasurer	Deirdre Denham	pedenham@comcast.net
Events Coordinator	Steve Hazelton	steve.hzltn@gmail.com
Webmaster	Mike Byrne	mgbyrne3@comcast.net
Editor/Printer	Wes Wagnon	weswag@ix.netcom.com

MEMBERSHIP \$25.00 US
Contact Paul Denham at
pedenham@comcast.net

NEXT MEETING
Saturday, October 17, 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

Upcoming Events

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

- October 17, 2020 at Golden Gate Steamers
- November 21, 2020 at GGLS
- December 12, 2020 at GGLS: Holiday Potluck

MEETING NOTES

September 19, 2020
Note taker: Mike Byrne

Bay Area Engine Modelers met at Golden Gate Live Steamers in Tilden Park, on Sep 19, 2020. Meeting was held outside, observing mask/social distancing protocols. Approximately 20 members were in attendance.



BAEM meeting outside. Peter Lawrence demonstrates applying his multiprogramming, multiprocessing skills to model engineering projects (cutting valves by the gross).

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

Upcoming meetings will be at GGLS, due to the ability to meet outdoors, reducing the risk of Covid 19 infection. Masks must be worn.

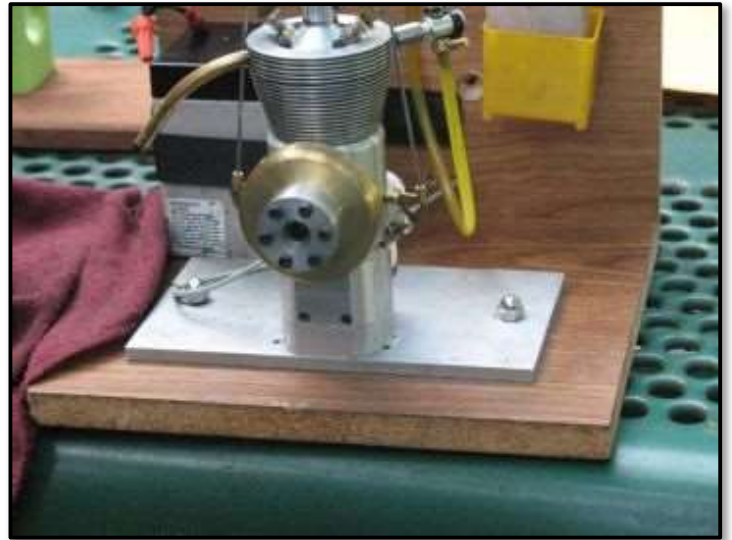
Watch Crank Calls BAEM emails and BAEM web page for updates.

SHOW PARTICIPATION

Ray Fontaine passed out flyers for the Wheat 2020 Fall Gas-Up antique gas engine & tractor show on October 10 & 11, 2020 in Waterford, CA (www.wheatengineclub.org).

FIRST POPS

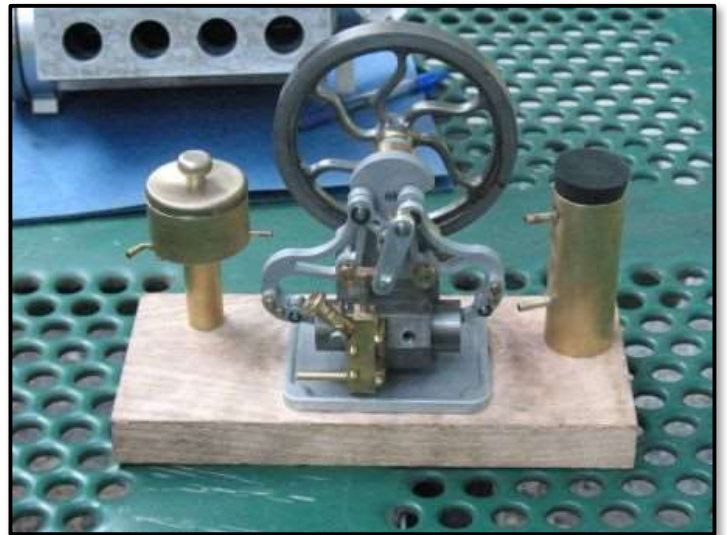
New BAEM member George Spain ran his single cylinder, single cam lob engine that was mentioned in last month's Crank Calls.



George Spain's engine

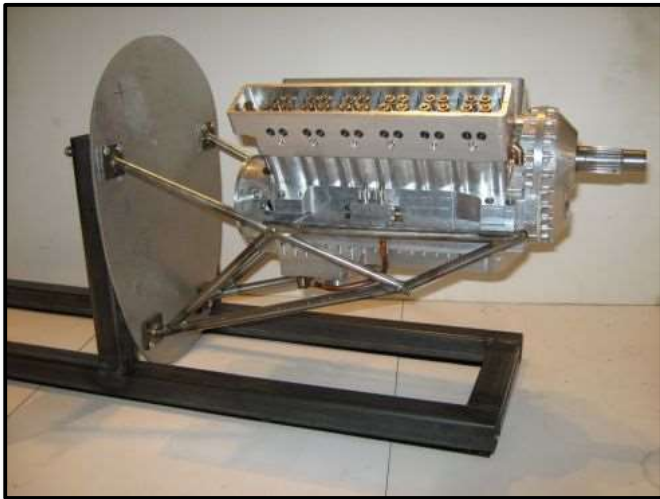
BITS AND PIECES

Ken Brunskill brought his Atkinson Differential Engine. There has been a considerable discussion on the Home Model Engine Machinist site regarding challenges in getting these engines to run.



Ken Brunskill's Atkinson Differential

Peter Lawrence has several projects underway. Pictures below include Peter's comments.



Rolls Royce Merlin - engine stand welded up from 1" square tube that can be C-clamped to a workbench for running. It has a firewall behind which will be working coils, EI, and distributors operated off cam shaft extensions. Eventually there will be a cockpit instrument panel behind the firewall.



Duesenberg J-4 (four cylinder version of the original straight eight because "hey, I only have so much patience for 4-valves-per-cylinder engines!") with so many "itty-bitty" parts that the builder nearly had to check into rehab while making them (that's a Keith Appleton joke). Top side, in the foreground are the cam followers and bushings. The followers are hollow and fit over the ends of the valves. It's an overhead-cam engine: the recess milled into the front is for the timing sprockets and belts.



De Havilland Cirrus project - cooling fins cut and corner rounded, plus lots of "itty-bitty parts."

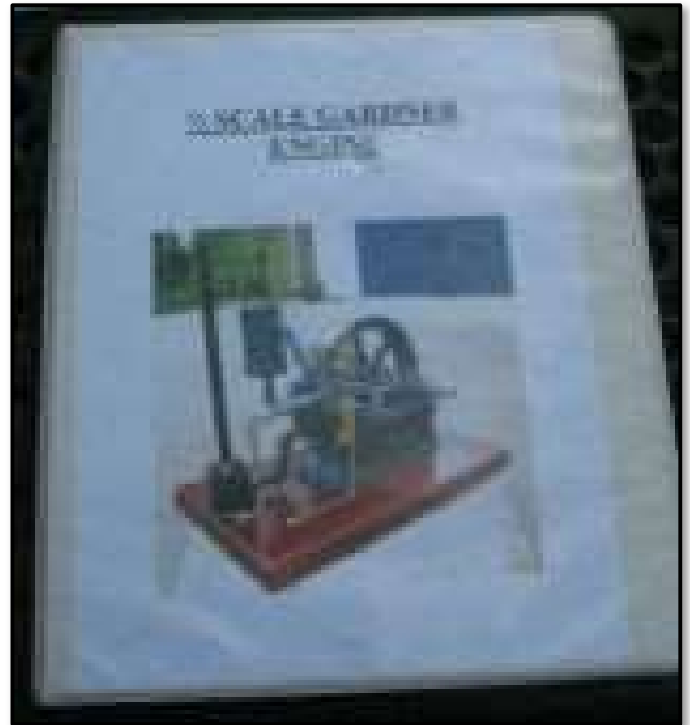


35-degree Vee-Blocks for milling Duesenberg head.



Close-up of Duesenberg head.

Ray Fontaine brought an interesting model of a ½ scale Gardner engine. This is an early stationary engine design and features hot bulb ignition. (Of interest, Ray had temporary spark plug installs, perhaps configured for the first run). Ray also brought in two steam plants that he had reworked to improve operability.



Gardner Engine documentation package



Ray Fontaine's Gardner Engine



Ray's steam plants. Rear runs on air or steam.

Mike Rehmus has a new liquid resin 3-D printer. An early project was printing the base of a fixture to statically balance crankshaft/rod/piston assemblies.



Mike's static balancing fixture with brass counterweights.

Dwight Giles offered two sets of V-8 castings for a \$100 donation to the club. Wes Wagon took one and promised to get to work on it.



Dwight's V-8 castings

FOR SALE

Dwight Giles has some stuff he is offering:

-Castings & Drawings for Örkenrud 340 V8. This is the same casting kit Wes purchased last meeting. See photo above. Price is \$100 donation to club.

-1.5 hp electric motor. 1750 rpm. 110/220v AC single phase. Heavy! Price: Free!

-Engine Mount Box. Beautiful wooden box for mounting your larger engine. Perfect for a Black Widow V8. 3 available. Price is negotiable.

Contact Dwight at jig313@aol.com
or phone: 707-648-1481

--+--

Got something you'd like to sell? Your ad is free and will be seen by likely customers.

