

# The Crank Calls



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**MEMBERSHIP \$25.00 US**

Contact Paul Denham at  
pedenham@comcast.net

**NEXT MEETING**

**Saturday, November 20, 2021, at the  
Golden Gate Live Steamers clubhouse in  
Tilden Park, Orinda, CA**

Gate opens at 9:00 am  
Meeting starts at 10:00 am  
Meeting will be outside without masks.  
Mask required in clubhouse.

**Upcoming Events**

- Nov 20: BAEM meeting at GGLS
- Dec 11: BAEM meeting/potluck at GGLS
- Jan 15: BAEM meeting at GGLS

See below for more details regarding events. Watch Crank Calls, BAEM emails and BAEM web page for updates. BAEM meetings are usually 3rd Saturday of the month except December.

**MEETING NOTES**

October 16, 2021

BAEM met outside at Golden Gate Live Steamers in Tilden Park on Oct 16, 2021. There were 20 members in attendance.

**NEW MEMBERS/VISITORS**

BAEM members are reminded that visitors are welcome at our club meetings, and we're always looking for new members.

**TREASURER'S REPORT**

BAEM president Paul Denham reported the club is financially solvent.

The 2022 dues of \$25 are due beginning of the year. OK to pay now! Give your check to Paul Denham, or mail to Deirdre Denham at 1937 Merchant St, Crockett, CA 94525. Make checks payable to "BAEM".

## 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/EVENTS:

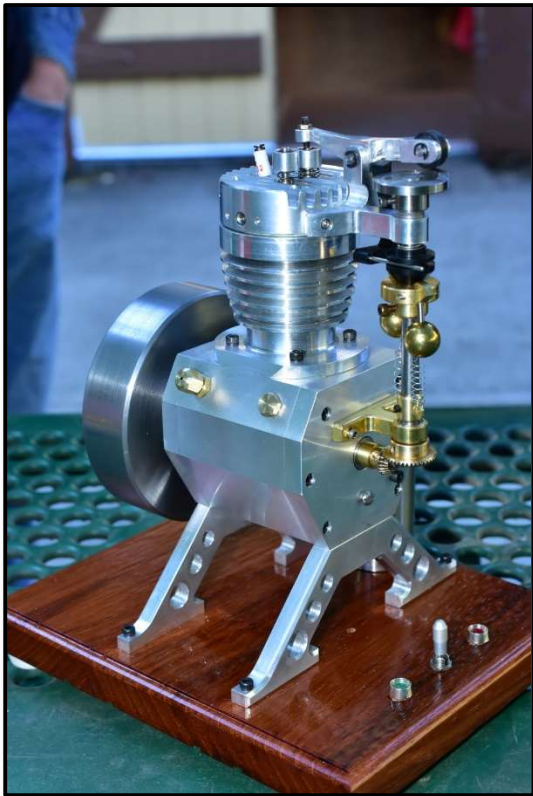
None in the near future.

## FIRST POPS

None reported.

## BITS AND PIECES

Paul Denham's latest project is based on Bob Shores' Silver Angel vertical hit and miss engine. Paul scaled Bob's design up by 33%. He has the engine largely completed and ready for ignition installation, which may include a miniature coil he acquired from Ken Hurst. The 1.333 scale was motivated by available piston rings left over from Dwight's 1" bore Black Widow.



Shortly after the meeting, Paul got the engine running and posted a video on YouTube

([https://youtu.be/h\\_7HDV9EhtA](https://youtu.be/h_7HDV9EhtA)) and made later pictures available.



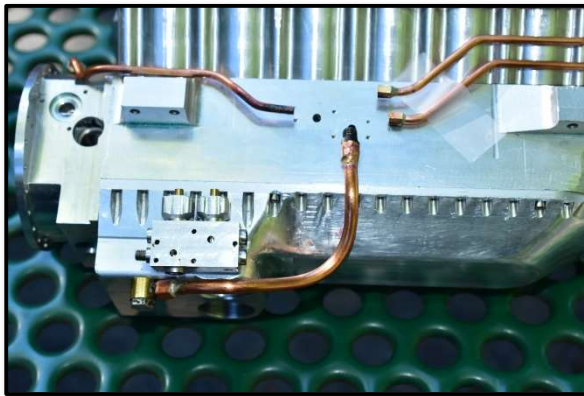
Charlie Reiter brought in a very interesting A/C generator. He had completed an unfinished project from Tom Armstrong. The casting kit plans were dated 2004 and acquired from Richard Williams in Sweet Home, Oregon.



Ray Fontaine has several Parsell & Weed engines in work, and he needed to build mufflers. He borrowed and set of dies from Dwight Giles to form the spherical shapes.



Peter Lawrence showed additional progress on the oil distribution plumbing of his Merlin V12. He was able to clear sliver solder blockage in the copper tubes by reheating and applying compressed air.



Anthony Rhodes is also a GGLS member and reminded BAEM of the free book offerings. He shared some of his recent acquisitions, including a carburetor.

Mike Rehmus is working on a steam engine project to be powered by CO2 bottles, and another assembled from 3D printed parts. He brought some of the printed parts he created using UV activated resin. He also showed a little gasket punch.



Carl Wilson sent up some model engineering related books and magazines from Tom Armstrong's estate that might be of interest to BAEM members.

Once upon a time, Dwight Giles scrounged a turbine rotor from a Mare Island Shipyard dumpster. He mounted it on a stand with bearings and could spin it up with compressed air. Much later, he brought it to a BAEM meeting as an interesting oddity. Peter Lawrence correctly identified it as one of two counter rotating turbine rotors from a WW II vintage Mark 16 torpedo. The torpedo was powered by chemically generated steam and could achieve 40 knots. Dwight gave the rotor to Peter. Speculation is that Peter will place the rotor in a plenum directing the prop wash of his running Merlin. This will spin the rotor at an

appropriate rpm to drive his Edison dynamo. Maybe. We'll see.

## RAMBLINGS

Working on an interesting project? Got a great BAEM story? Share it with us here. Send us pics and project details, and your hard work will be shared with the entire club.

## WANTED

BAEM member Larry Bunch wants to purchase a Logan 11 x 36 Lathe and asks that anyone who knows of one for sale please contact him.

Larry Bunch  
209-404-6700  
[wendyrocky2@gmail.com](mailto:wendyrocky2@gmail.com)

## FOR SALE

Jerry Franklin has a Taiwan Bridgeport clone for sale. It's a 1980 EXACTO model 942b milling machine with 9x42" table, 220/440 3 phase power. Better than average condition. Located in Milpitas. \$2200. Leave contact info at 408 263 8577 (voicemail) and Jerry will get in touch with you.



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Rong-Fu RF31 Mill Drill & stand (made in Taiwan) with DRO on X-Y axis plus quill mount for dial indicator on Z axis. Has power down feed and table feed. Includes swivel vice with degree scale, a sine vice, and a rotary table w/ 3 jaw vice. Other accessories include 3 drill chucks, parallels, adjustable parallels, fractional R8 collet set, face mills, vertical boring holder, boring bar set, end mill sets, clamps and jacks. It weighs 600 lbs. without the stand. May be able to arrange for forklift to load. Asking \$3500 for the lot.

Mike Phelan  
925-376-3191  
[phelanfolks@comcast.net](mailto:phelanfolks@comcast.net)

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BAEM member George Spain is offering for sale three different professional-level cylinder boring devices. All are used, but in good condition.

1. **VAN NORMAN 777-6 Boring Bar.**  
Boring bar with stand and tool kit.  
Price: \$ 1500
2. **VAN NORMAN 944 Boring Bar.**  
Boring bar with stand and tools.  
Seen elsewhere for \$ 2,200 – 4,800.  
Price: \$ 1500
5. **STRONG Boring Bar.**  
Boring bar, table model, with tools.  
Bores 40mm to 70mm.  
Seen elsewhere for \$ 1,600 – 2,750.  
Price: \$ 1500

For further information, contact George Spain at  
Phone: 707-342-2931  
Email: [geobev11@att.net](mailto:geobev11@att.net)

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Dwight Giles has some stuff he is offering:

**-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 \$200 donation to club.

Contact Dwight at [jig313@aol.com](mailto:jig313@aol.com)  
or phone: 707-648-1481

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

## **NEWSLETTER CONTRIBUTIONS**

Your contributions to this newsletter are appreciated: workshop reports, tech articles, reviews, historical pieces, whatever. You contribute, we'll figure out how to post it. Send your contributions to either or both of us.

Thanks!

-Mike Byrne at [mgbyrne3@comcast.net](mailto:mgbyrne3@comcast.net)

-Wes Wagon at [weswag@ix.netcom.com](mailto:weswag@ix.netcom.com)

