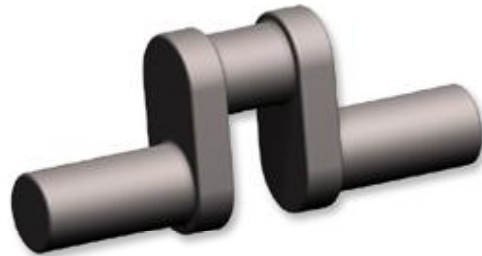


The Crank Calls



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

Contact Paul Denham at
pedenham@comcast.net
Dues renewal is each January.

NEXT MEETING

**October 19, 2019 at
Golden Gate Live Steamers
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

- October 19, 2019 @ GGLS, Tilden Park
- November 16, 2019 MOAH, Palo Alto
- **December 14, 2019 @ GGLS, Tilden Park
& Annual Potluck Luncheon**

MEETING PLACE FOR OCTOBER 19TH

We will meet this month (October) at the Golden Gate Live Steamers meeting room in Tilden Regional Park, Orinda, CA.

MEETING NOTES

September 21, 2019
Mike Byrne

BAEM met on September 21, 2019 at Museum of American Heritage, Palo Alto. There were 15 members in attendance.

Paul Denham opened the meeting with a reminder that annual dues are payable in January.

NEW MEMBERS/VISITORS: None this month

FIRST POPS: None reported

TREASURER'S REPORT:

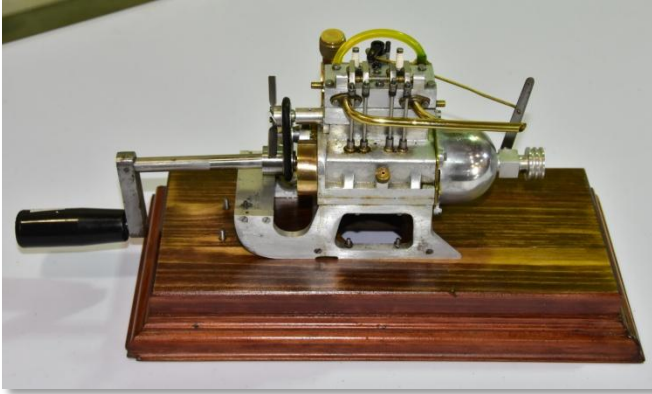
We continue to be solvent with sufficient funds. Recent expenditures included purchase of compressors to run steam engines at shows.

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

SHOWS:

Shannon Lile emailed a reminder that the Antique Equipment Show at McFarland Living History Ranch in Galt, CA will be the first Saturday in October (5 Oct). BAEM is incited to participate. They are looking forward to our participation and offered to make indoor space available in the carriage barn.

BITS AND PIECES



Bob Kradjian brought in a copy of the special Popular Mechanics issue that featured an article Skip Adrian's laser edge finder. Mike Rehmus mentioned this article at the August meeting. Bob also brought an assemble Hercules that an acquaintance had acquired at an estate sale. The engine was not running and compression is not discernible.



Peter Lawrence brought in the heads for his Merlin V12. This engine has 48 valves and Peter described his evolution from a desktop mill to a Bridgeport with DRO and associated improvements in valve seat and valve guide concentricity. He now polishes the valve heads with 1000 grit wet/dry paper and uses 600 and 800 grit compound to lap the seats. With 4 valves per cylinder, his leak detection approach is to apply a vacuum to each intake and exhaust port and listen for air leaks. He then uses a lapping tool with a pilot to lap the seat until a seal is achieved. He also suggests .001 clearance allowance in the valve guides.

Pat O'Connor was giving away some very nice old calendars featuring WW II aircraft photography.



Paul Denham had some Wyvern parts including the rod, rocker arms and cam lobes. Paul noted that he sometimes uses alcohol to leak test valve seats. He also mentioned an Excel spreadsheet he got from Dave Sage that is helpful for manual machining of cam lobes. Paul offered to share – send him an email request.



Jerry Franklin has a 1919 14-inch lathe and managed to break the cast iron back plate adapter plate for his 3-jaw chuck. Since his 2 1/8 – 8 spindle is not common, he undertook a shop made replacement. This was his first adventure in single point internal threading. He had the new adapter mounted on the chuck and it looked very nice. Not clear how he was able to turn the new adapter in his chuck still using the broken adapter.

Steve Jasik visited Europe this summer and one of the trip highlights was the Miniature Wonderland in Hamburg. It is reportedly the largest model railway system in the world and has been voted the most popular tourist attraction in Germany. Steve had a slide show of some of the pictures he had taken.