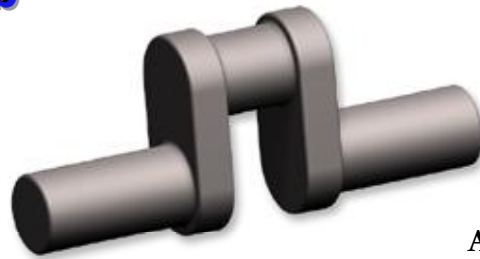


# Bay Area Engine Modelers Club

## The Crank Calls



August 2016

President	Paul Denham	pedenham@comcast.net
Secretary	Bob Kradjian	bkradjian@aol.com
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Editor/Printer	Larry Zurbrick	baem_editor @pacbell.net

### MEMBERSHIP \$25.00 US

Contact Paul Denham at  
pedenham@comcast.net

### **NEXT MEETING**

**August 20, 2016 at  
GGLS meeting room in  
Tilden Regional Park  
Berkeley, CA**

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

### Upcoming Events

BAEM meetings: 3rd Saturday of the month

**WEME Show August 26 - 28, 2016 at the  
Alameda County Fairgrounds.**

See: [wemeshow.com](http://wemeshow.com)

### MEETING PLACE FOR August 20th

We will meet this month (August) at Golden Gate Live Steamers (GGLS) meeting room in Tilden Regional Park above Berkeley, CA.

### MEETING NOTES

July 16, 2016

Larry Zurbrick, Editor

President Paul Denham called the BAEM June 2016 meeting to order just after 10:13 AM at the Redwood City TechShop.

Thanks to Steve Jasik for making arrangements with the TechShop to host our meeting this month.

President Paul Denham is requesting input from ALL MEMBERS on their preference on meeting location(s). The two (and there are only two at this time) choices is 1) meet at the GGLS in Tilden Park or 2) meet at alternating locations on alternating months between GGLS in Tilden Park and the TechShop. in Redwood City. Forward Paul your preference at either his e-mail address pedenham@comcast.net or snail mail address 1937 Merchant St, Crockett 94525.

**VISITORS:** Glen Christoffersen, a friend of member Rick Levesque, a member of GGLS and West Valley Live Steamers and 30 year member of EDGE&TA, visited us once again after a several year absence.

**FIRST POPS:** None reported this month

### EVENTS:

Our annual Western Engine and Model Exhibition (WEME) is on August 26 through 28 at the Alameda County Fairgrounds in conjunction with the Goodguys 30th West Coast Nationals. See: [wemeshow.com](http://wemeshow.com)

The Golden Gate Live Steamers are interested in participating with us at WEME. Several GGLS members will bring their machines to exhibit at WEME.

**Enclosed with this newsletter is an Exhibitor Application Form. Please fill out and return to Steve Hazelton if you are planning on exhibiting at WEME.**

See <http://www.baemclub.com/pages/Events.html> website for more information on events.

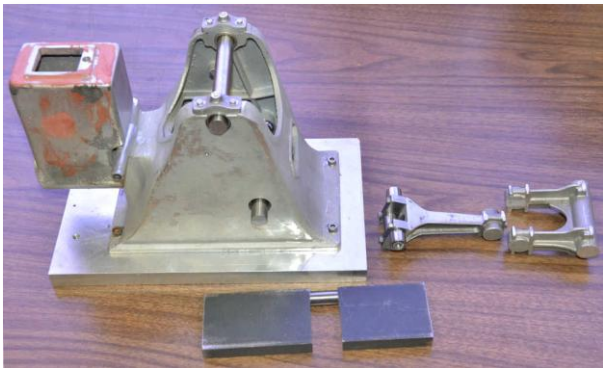
**TREASURER'S REPORT:** Paul Denham reports that we are solvent.

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

## BITS AND PIECES



Dwight Giles updated on his Wall 4 engine progress. The head is made of 7075 aluminum. He hasn't put the ports into the head and may put them on one side. The fins are evenly cut which necessitated making the width of cylinder head 1/16th of an inch wider than the block in order to have fins align to the edge of the head. Dwight bored the water jacket in the block using his lathe by attaching the block onto a faceplate and using a boring bar.



Paul Denham showed the Atkinson castings he received from Dwight Giles. The casting kit was made by Joe Tochtrop. Paul is proceeding very carefully since the castings are irreplaceable and delicate. He has modified the bearings from plain bearings to needle bearings.



Mike Byrne showed a piece he inherited from his father-in-law. It was presented to his father-in-law as a

retirement gift by his team when he retired from the Army. What is it? It's a pointer from the days before the existence of laser pointers.



Jerry Franklin showed a finger treadle kit he received from Dwight at the meeting.



Jerry brought in a few more of his practice pieces as he tried out new machining processes. A few of the pieces were threaded using the threading dial that Dwight gave him at a previous meeting. The piece in the rear is a hold down bolt for a lathe quick change tool post. The group suggested a much larger base to prevent damage to the top of the cross slide.

### TECH TOPIC

We had an impromptu Tech Topic on slitting saws techniques with contributions by the group. Jim Piazza uses washers to stabilize thin slitting saws and anti-seize compound to lubricate the blade.

Mike Bryne discussed his method scaling pdf drawings to create a B-size shop drawing using an A-size printer. He uses an open source UNIX ghostscript utility and wrote a batch file in order to scale and offset pdf files so that there is an image overlap.

# WESTERN ENGINE & MODEL EXHIBITION 2016

## Exhibitor Application Form

Print this form, fill it in and send it to:

WEME  
 Steve Hazelton  
 220 Knightbridge Way  
 American Canyon, CA 94503

If you have any questions, feel free to contact the Exhibit Coordinator at  
 steve.hzltn@gmail.com or call 707-501-3535

Exhibitor Name	
Address	
City	
State	
ZIP	
Telephone	
Email Address	
Guest Name (Limit one per exhibitor)	
Are you a member of a model engineering club?	
If yes, which club?	
Check the amount of table space you will need. Tables are approximately 8 feet long and 30 inches wide. <b>note that the show management reserves the right to limit the amount of space for each exhibitor.</b>	<input type="checkbox"/> Half Table <input type="checkbox"/> One Table <input type="checkbox"/> One and a half Tables <input type="checkbox"/> Two Tables <input type="checkbox"/> Three tables
Additional needs:	<input type="checkbox"/> Air <input type="checkbox"/> Electricity <input type="checkbox"/> Other
Please indicate the type of models you will be displaying	

Please read the WEME Exhibitor Information pages on the accompanying pages



# WEME Exhibit Information

## 2016 Show Schedule

**Dates:** WEME is a three day event, Friday, August 26th–8am to 5pm, Saturday, August 27nd–8am to 5pm and Sunday, August 28th–8am to 3pm.

**Setup:** Thursday, August 25th–8am to 5pm. You can drive up to the door of the hall on this day.

**Location:** The Alameda County Fairgrounds, 4501 Pleasanton Avenue, Pleasanton, California 94566 The facility will be open to exhibitors and vendors to set up their displays on Thursday, August 21st. Friday through Sunday, exhibitors and vendors will be given access starting at 7:00 AM.

The show will be open to the public starting at 8:00 AM and close at 5 PM on Friday and Saturday. On Sunday the show will be open to the public starting at 8:00 AM and close at 3 PM.

**Closing:** The building will close to the public at 3:00 PM on Sunday. Exhibitors and vendors will have 2 hours after the close of the show to take down and remove their exhibits. You may not remove your equipment before then.

### Security

Nighttime security will be provided by Goodguys staff for the duration of the show.

**Exhibits** Exhibitors may show as many items as they desire provided the items relate to the hobbies of Home Machining and Model Engineering. Items to be displayed should contain a significant amount of work by the Exhibitor or another Model Engineer. It can be completely scratch-built, or it built from a kit, as long as it is not a commercially made, mass-produced item that requires little or no work to complete. Space is limited and exhibitors are encouraged to register early. This will help us in our event planning plus ensure you have a space to show off your skills. Each exhibitor will be allocated space proportional to the amount of space you request on the registration form. Exhibitors are urged to request only as much space as you honestly think you will use.

### Safety

To ensure a safe environment for everyone and to comply with Federal, State and local safety regulations the following rules will be enforced:

- Gasoline and other volatile fuels for models must be kept in a metal screw top container. The container size is limited to 1 quart. Container refilling, if necessary will be done outside the building.
- Propane/MAPP gas is allowed in small (one quart) containers only, unless approved by WEME staff. Pressurized gas bottles must be firmly secured to prevent being knocked over. Proper pressure valves and controls must be attached to all containers.
- Firearms may be exhibited but NO live ammunition is permitted on site at anytime. Exhibited firearms are to be those built by the Exhibitor. □
- Commercially manufactured firearms are not allowed.
- The operation of gas engines will be allowed. Do not leave operating engines or models unattended at any time.
- Anyone using flammable fuels should bring your own fire extinguisher. It must be suitable for liquid fuel fires.
- Any engine using pressurized fuel lines must have a positive safety clamp on all hose ends. This can be screw fittings, wire twists or hose clamps.
- No live steam: all boilers must remain “cold.”
- Engines with attached propellers cannot be run in the facility.
- A cordoned off area outside the building will be available for running of engines with propellers.
- Your exhibit will be inspected for safety by the show supervisor. Exhibits must not present a hazard to the exhibitor, the public, or the building.
- Attaching anything to the walls or curtains of the facility is not allowed.

## **Loading/Unloading**

The building has grade level access only and there will not be any load handling equipment on site. Please be able to load and unload your own items and store your packing materials.

We will help to some extent

## **Additional Needs**

Compressed air at approximately 50 psi will be available in one area. Each distribution port will be 1/4" NPT female. The air manifolds and individual valves will be located under the tables and will be within 12-16 feet of your

location. Please supply enough hose to reach your nearest port, also a shutoff valve at your display so that you can control your air without leaving your table. All hoses, valves, and fittings must be rated for their operating pressure and service.

Electricity is available on request. Only 110V AC electrical service is available. Indicate your electrical need on your registration form. You will need to provide your own extension cords. Any cords crossing walking areas must be covered and coordinated with WEME staff before placement.

We encourage the use of advertising banners, posters, and special display stands. We will not be able to provide supports for the advertising banners and posters so please plan on bringing your own supports.

We also encourage you to demonstrate your equipment and tools to our visitors with all normal safety precautions applied.

## **Driving Instructions**

**From San Francisco** - Cross the Bay Bridge - Follow the sign to stay on I-580 East - When you come to I-680, go South - Take the Bernal Exit and go East (to the right when you come off the ramp) turn left on Valley Avenue and enter through Gate 8 or Gate 12 **From San Jose** - Take I-680 North - Take the Bernal Exit and go East (to the right when you come off the ramp) turn left on Valley Avenue and enter through Gate 8 or Gate 12 **From Walnut Creek** - Take I-680 South - Take the Bernal Exit and go East (to the right when you come off the ramp) turn left on Valley Avenue and enter through Gate 8 or Gate 12

**From Tracy** - Take 205 West - Continue on I-580 West - Take I-680 South - Take the Bernal Exit and go East (to the right when you come off the ramp) turn left on Valley Avenue and enter through Gate 8 or Gate 12

## **Hotels & Maps**

<https://www.good-guys.com/wcn-2015#wcnhote>