



# SCHSM

Southern California Home Shop Machinists

February 6, 2015

## OFFICERS

President	Michael Vulpillat
Vice President	Frank Schettini
Secretary	Ken Rector
Treasurer	Jim Endsley

## COMING EVENTS

Old Tool Swap Meet  
February 20, 2016  
Anderson Plywood  
4020 Sepulveda Blvd  
Culver City

March Meeting  
March 5, 2016  
2:00 P.M.  
El Camino College

April Meeting  
April 2, 2016  
2:00 P.M.  
El Camino College

Picnic  
June 11, 2016  
Alondra Park

## Preface

The February monthly meeting of the Southern California Home Shop Machinists convened at 2:00 P.M. on Saturday, January 2nd, 2016 in classroom AJ115 on the first floor of the Industry and Technology Building at El Camino College in Torrance California. There were 27 people in attendance. We had one visitor, Ed Friden.

The election of officers for the 2016 term was held. The officers elected were Michael Vulpillat, President, Frank Schettini, Vice President, Jim Endsley, Treasurer and Ken Rector, Secretary.

President Michael Vulpillat offered further information related to last month's chuck mount presentation by Lewis Sullivan and questions posed by Don Huseman. Michael gave examples of the various degrees of freedom related to the chuck and back plate interface illustrated by slides. There was a lot of discussion amongst members about Michael's presentation and suggestions about how Don might resolve his problems making a mount for a chuck.

Fred Bertsche presented the organization of the project to build an Anderson, Erickson and Wickstrom Sterling engine from castings and plans he will provide. Fred has organized the work into 13 tasks with plans and materials for each. The target date for completion is the June Picnic event and he asked members to sign up to be responsible for the tasks. Fred reported later that eight members have signed up for ten tasks. If you would like to volunteer for one of the remaining tasks you can contact Fred via the SCHSM Yahoo group. Fred will keep the club informed of what's happening with the project through the Yahoo group.

## Show and Tell

Larry McDavid had several things to tell about this month. He reminded members of the WestPack Expo to take place at the Anaheim Convention on February 7-9. Larry said this is a huge show with more than you can see in one day. He told how to obtain free tickets.

Larry also told about a tap guide document called "Everything You Wanted To Know About Taps But Were Afraid To Ask" available from Newman Tools at <http://www.newmantools.com/taps/taptech.htm>. He showed a Greenlee Punch for DE9 connectors, an example of bottled water imported from Norway and a 1 nanosecond resolution timer he built in an oxidized extruded aluminum case.

Dan Snyder showed involute gear cutters he bought from China for the very low price of \$7.50 per cutter. These came from bangood.com and are metric sized using the Module system. He also found they have diamond grinder wheel dressers for \$2.50.

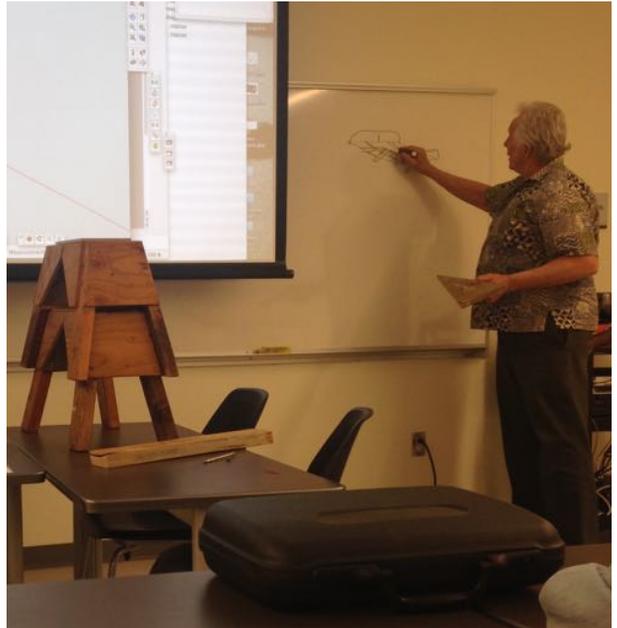
Lewis Sullivan is interested in getting started in metal casting. He went to Aero Books in Burbank and obtained several books on the subject of backyard

casting. Lewis also showed examples of his design for stackable saw horses made from scrap lumber and plywood using a template system he devised. The saw horses can be easily stacked for compact storage and also stacked to raise their work surface.

There was some talk about the Chino Hills Swap Meet being moved to San Dimas.

Jim Kreter brought in several boxes of magazines to give away. He would like to start an interest group within the SCHSM for people interested in foundry work. He has facilities for casting aluminum and bronze and would welcome members to come to his place and use his equipment. He lives in Riverside.

Ron Gerlach showed a bore gauge he made to measure the 7" bore in the engine he is rebuilding. The gauge is a comparative measuring tool to show the difference in diameter around and along the length of the bore. As you can see in the accompanying image the indicator shows the height of the triangle formed by the two radiused edges of the base and the indicator tip. Ron also showed how he cut connecting rod shims by sandwiching shim stock material between sacrificial plates and milling the periphery. The shims are exactly the correct shape and very flat.



Fred Kerpse told about finding an unusual "Sidewinder" winch in a flea market on highway 95 near Tonopah Nevada.

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The SCHSM welcomes presentations by members or guest speakers on any subject related to metal working activities. If you have some knowledge or experience you feel may be of interest to our members, or if you know someone that may have something interesting to relate, please consider making a presentation at a meeting. Presentations may be a little longer and more detailed than a show and tell and may be accompanied by slides or video, or physical

displays. Probably every member has some experience they can share and this is the purpose of the SCHSM. Please contact President Michael Vulpillat to make arrangements to give a presentation.

The SCHSM meets in class room AJ115 on the first floor of the Industry and Technology building of El Camino College, 16007 Crenshaw Blvd. Torrance California, at 2:00P.M., on the first Saturday of every month. The building is near Parking Lot B. Enter the campus on Manhattan Beach Blvd.

If you would like to contribute an article to this newsletter or make a comment about the newsletter, contact the editor, Ken Rector, via the SCHSM Yahoo Group, or at [kdrhoo@yahoo.com](mailto:kdrhoo@yahoo.com).

Find us on the web at [www.schsm.org](http://www.schsm.org).