



SCHSM

Southern California Home Shop Machinists

August 6, 2016

OFFICERS

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

COMING EVENT

WEME Show

August 26-28, 2016

Alameda County Fairgrounds
Pleasanton, California

September Meeting

September 3, 2016

2:00 P.M.

El Camino College

October Meeting

October 1, 2016

2:00 P.M.

El Camino College

LMS Open House

October 15, 2016

Pasadena

Preface

The August monthly meeting of the Southern California Home Shop Machinists convened at 2:00 P.M. on Saturday, August 6th, 2016 in classroom AJ115 on the first floor of the Industry and Technology Building at El Camino College in Torrance California. There were 30 people in attendance. There was one new member who has visited us before, who enrolled at the meeting.



Model T Swap Meet

Elton Barkley reported on our club activity at the Long Beach Model T Club Swap Meet in July.

About a half dozen members participated. They had two picnic tables with model engines and tools on display. Ron Gerlach brought his 16HP West Coast Engine and ran it during the day. This attracted a lot of attention.

Pens

Doug Walker contributed several bags of pens with our club name embossed on them to pass out to members. Some of these will be distributed at the upcoming WEME show. Thanks, Doug.

WEME Show

The Bay Area Engine Modelers are producing the Western Engine Model Exhibition on August 26-28, 2016 at the Alameda County Fairgrounds in Pleasanton, California. Three of our members plan to participate in our exhibit. Any members that want to join them should contact Ken Rector through the SCHSM Yahoo Group or his email given at the end of this newsletter. Exhibitors and their guests have free admittance to the show to see the WEME exhibit and the several thousand cars on display. This is a big event that is a lot of fun.

Show and Tell

Chuck Norton brought in a stack of 3/8 inch thick aluminum plate scrap from a valve cover job, to sell for the benefit of the club. These



were eagerly consumed by members at \$2 each.

Norm Wells brought in a stack of Model Engineer Workshop magazines for sale for the benefit of the club. Norm also showed a very nice 5C collet block that he found in the trash behind a shop. Norm modified the tool for vertical mounting and improved the closer mechanism.

Larry McDavid told about his weather station mounted on a mast above his house and powered by solar panels. Larry also described the solar panel array that powers his home and how it was cleaned using pure deionized water. Larry passed around a Peigh Tool Company catalog for blacksmith tools, a right angle hex driver and spoke about his experiences with solar energy.

Don Huseman showed a granite straightedge that was given to the club during their visit to the Standridge Granite Corporation shops a few years ago. There was a discussion about surface

plates and calibration services.

Eldon Barkley showed the flywheel for the club sterling engine project and described how he turned it in his lathe. He spoke about chatter and the need to use a sharp tool and just the right speed and feed to avoid it.

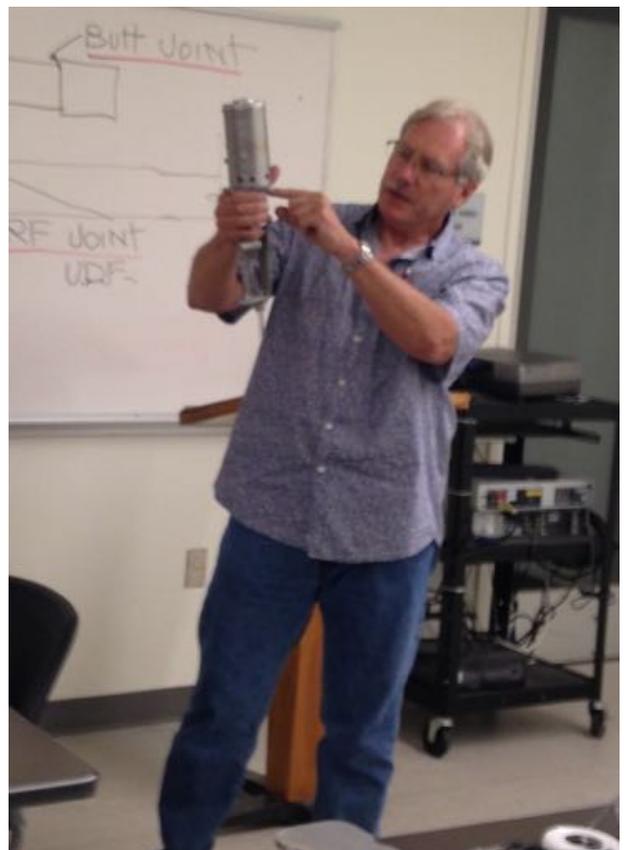
Dan Snyder showed a tapered mandrel he used to mount a gear blank between centers in his computer controlled indexer. He made a drive plate and dog to drive the mandrel. Dan also showed an antique twist drill index made from bronze by the Cleveland Twist Drill Co. He also showed a metric feeler gauge and radius gauge stack that were marked CCCP - antiques from the soviet era.

Ed Fregin showed replacement gears he made for his 12" Craftsman lathe without the use of a dividing head. He used a spin indexer and shop made degree wheel.

Willie Jordan showed a camera boom he made from aluminum square tube and bar stock. The boom is about six feet long and is counterbalanced by a 15# steel weight.

Fred Bertsche spoke about progress on the club sterling engine build and showed completed parts.

Lorry Widger showed plastic sheets, .0005" and .001" thick he uses to touch off. These are produced by Artus and were obtained from McMaster-Carr.





For the Record

The reference to a 3 micron burr in an air bag switch was incorrect in the article about Larry McDavid's Deburring Presentation in the July newsletter. The article should have said; "The burr was on the bore in a 309 stainless steel cylinder about the size of a common marble. The burr at the edge of the ID at each end was due to the ID honing operation to achieve the precision diameter."

The June newsletter Preface section incorrectly said visitor Dale Simms was a friend of Lewis Sullivan. He was not.

In the July newsletter article about Lewis Sullivan's scraping talk the reference to scarf joint should have said butt joint.

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 Vulpilat 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.