



## My View (continued from page 1)

By Tom Millett

**Step #1; PATIENCE !!!** By far this is the main culprit. You are so anxious to see the fruits of your labor, you fall into the RUSH-RUSH trap.

**Step #2; Juice it up – Apply shock – Heat.** If it's a stud or nut seized on a bolt, give it a couple of good raps. Apply your favorite liquid wrench and then heat it to a reasonably high temperature without damaging any components. As it cools down, rap it again, apply liquid and WAIT! Repeat this performance a couple of times, then apply some wrench tension-Not Too Much. If still seized, repeat complete process and wait. It WILL come loose.

**Removing broken studs:** Sometime one of your buddies, but never you, will be faced with the task of removing a broken off stud. If the stud has broken above the surface follow Steps #1 & #2 followed with trying to break loose with vise grips. If that doesn't work or the stud is broken off flush, you will need to drill it for an easy out. Whether you use a jig or other device such as a centering drill, make certain you are exactly centered on the circumference of the stud. Commence drilling with the small left hand bit size, and gradually increase the size until you have reached a diameter two thirds of the bolt size. At this point you might have lucked out with the left hand drills. If not, insert the largest Proto Extractor that will fit the hole and firmly tap it in. Use an abundance of liquid wrench and apply counter clockwise pressure. Here again, remember the word, **PATIENCE!!!** If the stud still hasn't budged, under no circumstances try to chase out the threads with a tap. The tap WILL likely jam and in most instances break off. In any event, it will be impossible to back out. The last resort is to drill out the core of the stud with just the threads remaining. This is where the chisels and more (you got it) **PATIENCE!**

**Removing broken drill bits or easy outs:** Never, never, never attempt to drill out a broken drill bit or easy out. That is the best way to sink the ship in a hurry. The drill bit, regardless of quality, will wedge itself and break off. This may sound silly that anyone would try it. Ha! It's more common than you think. With the use of your chisels, tap around the item. Most times it will eventually release and be easily pulled out. If not, you can try a carbide burr and die grinder.

**Contributing Author:** Craig Millett has vast experience as a machinist and tool maker. Much of his current work entails the very things discussed in this article.

### Safety Tip By Don Young

Check overall condition of your trailer. Lights, brakes, wheel bearings, tires, frame, tongue, coupling devices etc.

## For Sale

By former WAPA Member Allan Lund:

Domestic 4 hp side shaft restored engine on steel cart with WICO EK magneto, Lunkenheimer mixer, water cooled. \$3500. Has been shown at Knott's Berry Farm. Contact Ken Evans for details at [626-683-8372](tel:626-683-8372).

Rider-Erickson, 3 hp, side shaft engine by Domestic with factory water pump driven by gears and cross slide on wood cart. Not restored, not stuck, ignitor ignition (no coil), minor repairs needed on cart and speed control handle. Has not been run but should not take much. \$4000. Contact Ken Evans for details at [626-683-8372](tel:626-683-8372).

## For Sale

Aeromotor windmill 30' steel tower, 8' head head cover original wood platform. APART Tower has weld spots. Must be picked up in Nevada just inside state line . Selling as yard art. \$800.00. Stub tower and head stored inside last 10 years. Dean Hale (626)358-5091

3 walk-behind tractors:

- (1) David Bradley continental engine with plow, harrow, and blade all in good condition. All stored inside.
  - (2) Planet Jr with plow, engine stored inside.
  - (3) Bear ( ? ) with harrow, Wisconsin engine. Stored inside
- All three for \$500.00  
Dean Hale (626) 358-5091 leave message

Hercules 2hp 600 rpm #369101 Good Condition \$550.  
And Stover Hit/Miss type CT2 610 rpm TB-276578 Good Condition \$500  
Martin Grassel (818) 249-5573

## APRIL BIRTHDAYS

Robert DeVoe  
Klaus Duebbert  
Kelley Garcia  
Chuck Mayernick  
Rex McCleary  
Larry McCullah  
Tom Millett  
Bob Smith



HAPPY  
BIRTHDAY!

## **This Old Iron—Greg Stires** **By Bob Smith**

You may never see a more magnificently restored Cushman as Greg Stires' 1952 Turtle Back Pacemaker. It is a Pacemaker because it has an automatic transmission. Greg found this bike in Washington. It had a brand new frame, body, and front end but no engine. It had never been finished and put onto the market. Greg does not know if Cushman sold it that way or some sort of salesman sample that was never finished. Greg put an 8hp engine in it and tricked it out with paint and chrome. Greg enjoyed driving the bike at the Chino Corn Feed Run with his skunk covered helmet. You would think Greg would get offers for the bike but instead they were for the helmet. This beautiful Cushman scooter is only 1 of 35 in Greg's collection.



## **Upcoming events**

**BY Rob Skinner**

### **Riverside Air Show**

**April 5, Saturday**

This show is not a sanctioned WAPA event. It is hosted by Merle Morse, who extends an invitation to all his fellow WAPA members. If you would like to show an engine or tractor at this event, call Merle for directions. Merle's number is (951) 687-7445.

### **Brentwood Science Magnet School, Science Fair**

**April 6, Sunday**

**Setup 9:30**

**Show 11:00 until 4:00**

The Science Fair is an annual fundraising event for the school that is also educational for the kids. Let's all come out and lend a hand by showing our engines.

Directions: From the 405, exit Wilshire and go west. Turn right on Bundy. Pass Montana and the entrance is on the left of the playing field. Look for Ken Evans when you arrive; he is the chairman of this show.

### **Orange County Imaginology, Full STEAM Ahead**

**April 12, Saturday**

**Setup 8:30**

**Show 10:00 until 5:00**

The OC Fair Imaginology is a re-imagined Youth Expo, featuring free family-friendly S.T.E.A.M. (Science, Technology, Engineering, Arts, Mathematics) related exhibits and hands-on activities for all ages. Kids from across Orange County are invited to showcase their talents in individual and group project competitions in a variety of subjects.

WAPA will be displaying engines, tractors, and hands-on equipment. We will enter the fairgrounds off Arlington Avenue in Costa Mesa, unload our equipment, and then park in a special lot, away from the public and a short walk from our display area. Please contact Rob Skinner (rob@wapa.us or 562-694-2301) to obtain a parking pass that will allow you access.

### **La Habra Spring Citrus Fair**

**April 13, Sunday**

**Setup 10:00**

**Show 12:00 until 4:00**

La Habra's springtime fair has rides, stage shows, food, and lots of vendors. We will be located next to the Old Settlers Historical Museum.

From Euclid Avenue, go two driveways north of La Habra Boulevard and turn east, between the post office and the police department. If you look at Google Maps, the driveway is labeled W. Erna Avenue. We will be located along the northeast corner of that parking lot in front of City Hall. If you plan on attending, please contact Rob Skinner (rob@wapa.us or 562-694-2301) so he can set aside parking space for your truck and trailer.

### **Heritage Park Children's Day**

**Near the end of April**

WAPA traditionally brings together a few members to exhibit hands-on equipment at the park where we formerly held our membership meetings. There has been a personnel change at the park, so we're not finished working out the details. If you're interested in this show, watch the WAPA Email List, or speak with Rob Skinner around the middle of April.

**Ed Nelson Remembered****By Tom Millett**

Ed Nelson joined WAPA in about August 1992. Nan joined sometime after. They drove down from Big Bear City for all the shows and club meetings. They always participated at the Knott's Berry Farm and Quartzite shows. He will be truly missed.

On February 19, 2014, in Big Bear City, Ed Nelson passed away at home with his family, at the age of 93. He is survived by his wife of 71 years, Nan, and daughter, 2 sons, 3 grandchildren, and 1 brother. One grandson predeceased him.

A native Californian, Ed was transferred to Wisconsin for 13 years by his employer. Upon his retirement in 1983, Nan and Ed moved back to California and settled in their retirement home in Big Bear City. Ed served his country during WWII in the U.S. Army Air Corps, was a printer by trade, and loved his travels. He and his family enjoyed vacations in Big Bear beginning in the mid 1950's. They bought their first part-time cabin in 1965, and became full-time residents there in 1983.

Ed's hobbies included photography, sailing, clocks and clock repair, and especially his model live steam locomotives. He was a past member of LALS, Goleta Valley RR, Riverside Live Steamers, Southern California Live Steamers, Iowa Model Live Steam, and Western Antique Power Associates.

Ed was a member of the Masons, Shriners, and Past Patron of Eastern Star, as well as the Bear Valley Historical Society.

Per Ed's request, there will be no services. If desired, donations may be made in his memory to the Masonic Temple of Big Bear Lake or the Bear Valley Historical Society.

**2014 WAPA Officers**

Editor	Carol Haskell
Museum Director	Ron Haskell
Purchasing	Dave Ruhland
Librarian	Joe Siddons
Show Director	Rob Skinner
Safety	Don Young
Membership	Jim Davis
Secretary	Tom Millett
Treasurer	Kelley Garcia
Vice President	Leroy Overstreet
President	Bob Smith



Carol Haskell  
6070 Mitchell Avenue  
Riverside, CA 92505  
[cahaskell@wapa.com](mailto:cahaskell@wapa.com)

## What is it? By Tom Millett

This device measures 3 1/2 inches in length and 3 1/4 inches in diameter. In the center of its length it has a tag with circular hole which appears to be for suspending it. Inside the canister, there is obviously a non-magnetic heavy weight affixed to one side so that the canister will always roll to rest on the weight. We have no clue whether the painting on the canister has any significance. As you can see, there is fishing line wrapped around the canister. Here again, it is not known whether it plays any roll in its use. Someone out there, please identify it so we can share with all our members.



## Chino Corn Feed Run By Rob Skinner

On March 22, WAPA participated in the Corn Feed Run, a great car show centered around the City of Chino's civic center. Just as last year, we were located on the south side of city hall where we had a good view of the parading cars and exposure to spectators.

The difference this year was that the event was in March, rather than August. It's always been a good show, but showing engines in the hottest part of summer can make for a long day. The organizers decided to try their luck with a springtime show, and see what happened. The result was a show that was better than ever.

WAPA had 31 people in attendance. This might be some kind of club record. As for cars, the previous record was 471. This year, there were over 600 cars registered. Despite the threat of drizzle early in the morning, people clearly prefer a March date.



**Western Antique Power Associates**  
**Minutes of the Board of Directors**  
**April 19, 2014**

**Board Members Present** Bob Smith, Tom Millett, Joe Siddons, Jim Davis, Ron Haskell, Kelley Garcia, Rob Skinner & Don Young.

**Board Members excused** Dave Ruhland & Leroy Overstreet.

**Members present** Dale Linn, Lance Wilson, David Gregg, Craig Maxwell, Jack Robinson, Danny Ponce, Gus Lukrofka, Phil Sigmon, Sue Bradley, Jerry Nichols, Dave Stockton, Tom Fee, Roger Hahn, Tim Neely, Al Antonucci, Greg Stires, Ernie & Dorothy Groce, John DeLazzaro & Carey Stockton, Carol Haskell, Chuck Mayernick, Paul Livermore, Ken Evans & Dick Bouma.

**Visitors** Nancy Davis

**Call To Order** President Bob Smith called the meeting to order at 9:00am.

**Flag Salute** Led by Don Young.

**President** Bob Smith welcomed everyone and reminded members that this is their meeting and to feel free to speak on any issue at any time. Bob announced that there will be five raffle prizes today, two gift cards from Lowes, and Paul Livermore graciously contributed three items from Harbor Freight.

**Vice President** Leroy Overstreet absent.

**Secretary** On motion by Millett and seconded by Joe Siddons, the Board meeting minutes of 2-1-14 were approved.

**Treasurer** Kelley Garcia shared a detailed financial report of the club. As of 2-28-14, the total investments were \$229,722.30. Total assets, which include all WAPA owned property, are \$309,040.16. February 2014 total income was \$3,610.00. Total expenses were \$1,530.84. Kelley has prepared an invoice to be sent to the County of San Bernardino for expenses WAPA paid to them for advance land rental fees and other associated costs after having signed a rental contract for use of land at the Prado basin, but were refused permission to use the land by the Corps of Engineers. Millett offered to draft an accompanying letter.

**Safety** Don Young emphasized the importance of trailer safety. Don't trust the safety without inspecting it occasionally.

**Membership** Jim Davis reported the following: Total membership as of 3-1-14 is (165), Paid members (133), life members (26) – Joe Mueller and Dick White added as a life members. Honorary members (5), Charter members (1) Junior member (1). Jim stated that he has received 91% of the dues for this year and he thanked everyone for doing that.

**Purchasing Shows** Dave Ruhland absent. Rob Skinner first reported that he is getting the word to all members that **the Highland show has been cancelled**. The promoter of the Calico Show has not received the O.K. from the County of San Bernardino. The Chino Corn Feed Run is on 3/22, the NON-WAPA Riverside Air Show by Merle Morse is on 4/5, The Brentwood Magnet Science School is on 4/6, The Orange County Educational Event is in the works and set for 4/12. It was sanctioned on motion by Rob and seconded by Haskell. The La Habra Citrus Fair is on 4/13. Rob is working on putting together the Boys Republic Car Show on 6/7. Sanction of that show was approved on motion by Rob and seconded by Kelley.

**Museum** Ron Haskell and Bob Smith went to a meeting with Cal Poly officials Dan Hostetler and Christian Daily. Both officials were in agreement with everything presented to them as conditions of us signing a Memorandum of Understanding to work toward making a home for WAPA. Everything was very positive.

**Library** Joe Siddons reported that he is still categorizing all items and some that don't belong in the library will be brought to a meeting for distribution to anyone wishing to take them.

**Editor** Carol Haskel reported that so far there have been 30 members that would like their Hit"N"Miss sent to them electronically.

**Glendora Castle** Nothing to report.

**Cal Poly Restoration Project** Nothing new.

**Riverside Citrus Park** Ron Haskell reported on the progress of the 200HP Western engine there. His crew has started the engine and run for a short time for the benefit of State officials.

**Unfinished Business** The huge engine belonging to the Chino Water Company is 160 HP and not 200HP. While browsing around it, Dick Bouma And Dutch Bankston found the brass I.D. plate for it. Letters are returning from shareholders who were asked to donate the engine to WAPA. Ken Evans reported that overwhelming numbers are returned as undeliverable. He said that all that did respond were all positive.

**New Business** None

**Communications** None.

**Adjournment** 10:10 am  
Tom Millett, Secretary

**Next Meeting** April 19, 2014