

THE REFLECTOR

Newsletter of the Palomar Model A Ford Club
March, 2024 : Volume 52, Number 3

WHAT ARE TOURS THESE DAYS, ANYWAY?

It's nice to see that in the last several weeks, Model A's from the Palomar Chapter have been on the road—and not suffering breakdowns—in good weather and bad. Our actual tour days (not pictured) haven't been well attended or as mechanically sound, but when friends needed us for other events, we were there.

In a couple of weeks, I believe that four Model A's and seven couples have reservations to go all the way up to Clovis, so no doubt we have cars for the So Cal highway system. Hopefully, we can drive them on the Saturday, March 16th tour to Karla Maxwell's shop. Meet at the park at 9:00, leave at 9:30, and arrive at Karla's at 10:00. Address is in the 2023 Club Directory.



PRESIDENT'S MESSAGE

I was just taking notes in my Tune Up class, and as I'm wont to do, when I got curious about things being said in the lecture, I would look up facts about the Model A related to the subject of the talk.

Model A radiator caps run under 4 lbs of pressure, I've seen a person on YouTube test his engine's intake manifold to 18 inches of mercury vacuum, and oil pressure runs at just 1 or 2 lbs. These old engines have a compression pressure of 65 lbs and originally their standard compression was 4.22 : 1. Although the so-called "police heads" that came out in 1931 raised that to 5.22 : 1, and that became standard with B blocks. Their total horsepower = 40.

Burtz engines usually use regular Brassworks radiators so also have 4 lb radiator caps. They develop about the same vacuum but a whopping 30 lbs of oil pressure. Their compression is up to 135 lbs with a compression ratio of 6.5 : 1. With a Zenith carburetor and original manifold, I've read that their horsepower is not that much higher with all those higher numbers, but they do have higher torque and a better ability to shed heat, which is much better for touring. It seems to take the addition of a Weber carburetor and new manifold to get the 60 plus horses. (\$890 more dollars) Although, on a test published on Fordbarn I found a person saying he got almost 60 horses from a B engine with the same Weber carburetor and set up.

The more you learn, the more questions that come up. The way of the world is that you don't know what it is you don't know until you learn a little about the subject beyond the hype. I'd have thought that you dropped in the Burtz engine and all your horsepower dreams would come true. You doubled the volts in your cellphone battery, and your call could get through even when someone else is talking. You spent five times as much on a whiskey, and your hangovers would be nearly non-existent, despite getting drunk on a thimble's-full of hooch. Where's the improvement if you don't get those things?

An education is somewhat disappointing because you learn that dreams can't come true so easily. If you are lazy, that alone can kill them. If you're not, education means that dreams are more likely to come true, because you both know what you're doing and can spend your money on all the parts and help needed and not on wishes and wrapping paper which might look good, but won't accomplish anything more than sustaining the fantasy.

I don't want to put down folks happy with that as their final goal; a Model A Ford, shiny and clean, sitting in their garage as a conversation piece. Those cars are great, too, but experience tells me that with those, a car cover and some Johnson's Wax is a better investment than a Burtz block.

May your tank be full and the road opened in front of you.

David Frazee, President Pa



FEBRUARY MINUTES

Minutes from February, 2024 - Meeting of the Palomar A's was called to order by President, David Frazee at 4:36 PM with 22 in attendance.

A motion was made by Linda Thamer to approve the minutes of the January meeting, and seconded by Donna Lugo. Motion approved.

Treasurer's Report – Bruce Furbush gave treasurer's report along with list of outstanding bills. Motion to pay was made by Hark Hervey and seconded by Mark Greenlee. Motion approved.

Sunshine & Sorrow – A letter from the San Diego Alzheimer's Association was read thanking the Club for the \$100 donation made to the memory of Stoney Stonebreaker.

With the passing of Larry Beel, David Frazee indicated that Larry had been quite active with the Palomar A Club for many years and always offered to help in any way. David then offered an additional \$50 to allow purchase of a memory brick and asked if there might be other donations to allow an increased level of support to the Model A Museum in Hickory Corners, Michigan in Larry's name. Along with David & Karyn Frazee, others that offered \$50 donations were: Chuck & Nedra Grabowsky, Bruce Furbush & Roseanne Meyerhoff, Jim Ball & M. A. Morrison, Steve & Irene DeAmbrogio, Greg & Cindy Wilson, Clyde & Kathy Marion, and West & Johannah Leffingwell. Donations may be given to Treasurer, Bruce Furbush or to MAFFI directly.

It was also reported that Howard and Barbara Kruegel were not attending the meeting due to illness.

Last Sunday Breakfast – The January breakfast, at the Main Street Café in Fallbrook, was enjoyed by 10 people. February "Last Sunday" will be February 25, at 8:00 AM in Escondido at the J&M Restaurant, 1215 E. Valley Parkway. The March event will be Saturday, March 23, at 8:00 AM in Carlsbad at the Village Café-Pie Shop, 950 Tamarack Ave.

Short Tours – Mark Greenlee will be inviting the Hidden Valley Model T club to join the Short Tours to help inspire membership. The event on March 16 will be a visit to Karla Maxwell's studio to understand the steps required to restore automotive emblems.

Long Tours – Bruce Howe – The Paradise Valley Swap Meet in San Bernardino and the Orange County Pancake Breakfast are being held sequentially on April 13 and 14. But there was no interest in an overnight tour attending both.

Miscellaneous – It was reported that the Conejo Valley Model A Club in Thousand Oaks seems to be disbanding.

Membership Report – David Frazee - An inquiry was made to change the format by removing photos from the Member Handbook. A quick show of hands indicated a majority of members would like it to remain as is. It could be titled *The Member Directory* instead of *Handbook*, however.

Tech Report – Mark Greenlee – A variety of lighting options was presented starting with a single battery powered light attached to an elastic headband to a truly blinding multiple LED configuration that plugged into a standard wall outlet and filled the meeting room with light. One innovative solution was to use LED strip lighting similar to movie theater aisle markers. The strip [or ribbon] lights can be purchased quite economically on Amazon. The innovation was Mark used heat shrink tubing to attach small magnets throughout the strip. This allowed exact placement on the vehicle wherever light was needed.

JANUARY MINUTES CONTINUED

Entertainment – As Karen Beel was not in attendance, the drawings for white elephant gifts were put on hold for the February meeting.

Show and Tell – It seems that Mark Greenlee is getting creative by fabricating changeable hood ornaments. His handiwork can be seen on the club's Facebook page.

Lecture – Vista librarian, Dan Aguilar, gave an informative lecture regarding the varied library services that are offered. Also covered was the extensive inter library sharing option that expands access to books and information from Sacramento to San Diego. There are other services that tie into university libraries. It depends on the specific library or system as to time required, possible fees or number of items that can be requested at one time.

Dan mentioned that hours varied but the Vista Library was open 7 day a week barring holidays. Also, he had been asked to research fashion trends that would exist during the Model A time period. There seemed to be little at the Vista location but possible options were costume libraries or museums.

Meeting adjourned at 6:00 PM.
Submitted by Karla Maxwell

LARRY ALLEN BEEL

Larry Allen Beel, 82, passed away on January 24, 2024 in Escondido, CA. Larry was born on April 16, 1941, in Cozad, NE, to Albert and Helen Beel.

Known for his generosity, Larry was always willing to share his time, talent, knowledge, and his considerable opinions with everyone who would listen.

Larry proudly served in the U.S. Navy for 23 years as a data systems analyst, retiring as a Master Chief. He then worked for the government for 12 years as a computer scientist, creating life-saving technology for all of our armed forces.

He was married to the love of his life, Karen, for 59 years. He is survived by Karen, and their 3 children, Sheila (Robert) Saxman, Sonja Beel, Shari (George) Ray, 5 grandchildren, and 7 great-grandchildren, his brother, Leland Beel, and sisters-in-law, Alice Pollock and Patricia Clark.

Larry was a member of several fraternal organizations, Loyal Order of Moose, Veterans of Foreign Wars, American Legion, and The Fleet Reserve Association, however the ones that kept him the busiest and gave him the most enjoyment were his Model A car clubs, The Palomar A's, and The Temecula Valley A's. He and Karen traveled innumerable miles with their little blue coupe or the '30 pickup. Their "Thanksgiving Tour" was a highlight that club members looked forward to every year. If Larry wasn't on a Model



A adventure, you could find him on Thursdays, with his Garage Gang, talking about cars, having something cooked on the grill, and then always finishing with ice cream.

A funeral service with Military Honors was held on February 7, 2024 at Miramar National Cemetery, and a Celebration of Life will be held on April 20th, 2024, at his home in Escondido.

MAINTENANCE LOG BOOK

The Touring and Maintenance Log for Your Ford Model A by the San Diego Chapter's Chris Halter is intended to help keep track of three of our regular routines; Touring Log, Maintenance Record, and Restoration/Repairs.

Touring Log contains entries for tour dates, odometer readings, and mileage. There are tips on planning, leading, and participating in a tour.

Maintenance Log contains a suggested 1000 and 5000 mile maintenance schedule, as well as a Maintenance Record Log

The Repairs & Restoration log is a place for you to record your repairs and restoration projects.

In addition, throughout the booklet are Model A cartoons created by Stan Blinko from the Beaver Chapter of the Portland Model A Club

[Touring and Maintenance Log for Your Model A Ford: Halter, Chris: 9798864484098: Amazon.com: Books](#)



ENGINE SPEEDS

I don't yet have my own copy of Chris Halter's book which I'm supposed to be able to purchase at the discounted club price as a member of the SD Chapter, but glancing through it briefly, I believe it also had some torque and pressure values, liquid contents and types of oils and greases suggested for maintenance.

I suggest buying a copy for each of your Model A's and with it, the items to take with you on a long and short tour published in the Annual Club Directory, and the statistics on Model A engines and drive trains mentioned in the president's message and here, you should be able to score well in a game of *Trivial Pursuits—Model A Ford Edition*.

The 30-inch tires of a 1928 Model A make 672.8 complete revolutions per mile and the same number of revolutions per minute when the car is traveling at the 60 mph or a mile-a-minute speed which they can do on the open road.

Since the standard rear-end gear ratio is 3.7 to one, this means that the engine makes 3.7 revolutions for each turn of the rear wheels. Consequently, we have 3.7 times 672.8 revolutions or 2489.36 revolutions per minute of which the engine can actually do on the road.

The Model A Ford engine develops its maximum of 40 actual brake horse power at a speed of **2,400** revolutions per minute. But the maximum speed of the engine is 2,600 revolutions per minute or more according to *Ford Dealer and Service Field* for February, 1928. However, an A engine has no harmonic balancer to prevent the severe 'ringing' shock waves that travel back and forth from front to rear along the crank at very high RPMs.

Burtz engines don't come with harmonic balancers Terry Burtz said "The *New Engine* crankshaft is much stiffer than the original, resulting in smaller torsional deflections. The *New Crankshaft* is also made from a non-resonating material that dampens the small torsional deflections. From an engineering aspect, a harmonic balancer will further reduce the small torsional deflections, but the effect will likely not be noticeable."

Wikipedia says that the engine was an L-head 4-cylinder, 'cast en bloc' type. It had a 3-7/8" X 4-1/4" bore and stroke with a displacement of 200.5 cubic inches. SAE horsepower of 24.03 with brake horsepower rated at 40 at **2200** rpm. Typical gas mileage was between 20 and 30 mpg using a Zenith one-barrel carburetor.

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BIRTHDAYS

MA Morrison	1 March
Peggy Williams	14 March
Sue King	15 March
Jeanette Smith	17 March
Eric Woolen	17 March
Mark Greenlee	20 March
Linda Thamer	22 March
Jim Gasparo	23 March
Louise Greenlee	25 March
Betty Stonebreaker	26 March

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ANNIVERSARIES

David & Karyn Frazee	20 March
Jim & Nancy Quinlan	21 March

2024 CALENDAR IN PROGRESS

March 6 General Meeting Vista Library 700 Eucalyptus 4:30 PM

March 8-9 CCRG JAMBOREE Clovis, CA Hosted by Sierra A's

Very tentative plans are:

March 7 240 miles to Bakersfield

March 8 114 miles to Clovis

March 9 Clovis

March 10 154 miles to Tehachapi

March 11 196 miles home

March 9 Tour with San Diego to the Granite Lion Cellars at 2801 Jamul Highlands Rd Jamul Tour starts there at 11 AM

March 16 Tour to Karla Maxwell's workshop. Palomar Estates at 9:00, the Maxwell Residence at 10.

March 23 Last Sunday Breakfast (Saturday Version) Village Kitchen & Pie Shop 950 Tamarack Ave Carlsbad 8 AM

March 31 Easter Sunday

April 3 General Meeting Palomar Estates 650 S Rancho Santa Fe 7:00 PM

April 6 Deer Park Winery Tour, meet at Palomar Estates at 9:00 AM, leave at 9:30

April 14 61st ORANGE COUNTY PANCAKE BREAKFAST Hart Park Orange CA hosted by Orange County Model A's. Cars without overdrives meet at the 76 and I-15 Park and Ride at 6:00 AM, with overdrives at the old Sears parking lot in Carlsbad at 7:30.

April 28 Last Sunday Breakfast San Luis Rey Bakery & Restaurant 490 N El Camino Real 8 AM

May 1 General Meeting Palomar Estates 7:00 PM

May 3—5 27th NCRG Spring Opener Konocti Harbor Resort 8727 Soda Bay Rd. Kelseyville, Calif.

May 4 Tour to the 39th Annual Antique Truck Show in Perris at the Southern California Railway Museum 2201 S. A Street Meet at the 76 and I-15 Park and Ride at 8:30 AM

May 26 May Last Sunday Breakfast Golden Egg Omelet House 316 W Mission Ave Escondido followed by a drive up to Fallbrook Car Show at Bates Nut Farm Special 9 AM Meet time.

June 8 Picnic Meeting with Hidden Valley T's and San Diego MAFC at Old Poway Park 14134 Midland Rd Details to follow

June 20 Encinitas Cruise Night 818 S Coast Highway 101, 5:30 to 6:30

June 23-29 SOUTHWEST "A" VENTURES [2024 MAFCA National Convention] Ruidoso NM hosted by Southwest Model A's Info: Raymond Gabaldon, 505.620.0574 - P.O. Box 44 Peralta, NM 87042

June 30 Last Sunday Breakfast Time Out Café 1011 S Santa Fe Ave Vista 8 AM

July 13 Picnic Meeting San Dieguito County Park 1628 Lomas Santa Fe Dr, Del Mar

July 28 Last Sunday Breakfast Swami's Café 101 Encinitas 1163 S Coast Hwy 101 8 AM

August 7 General Meeting Palomar Estates 7:00 PM

August 10 Tour TBD

August 25 Last Sunday Breakfast Money Pit 1360 E Mission Rd San Marcos 8 AM

September 4 General Meeting Palomar Estates 7:00 PM

Last Sunday Breakfasts: September 29 TipTop Meats 6118 Paseo Del Norte Carlsbad, October 27 Dennys at College and 76 & November 24th Charlie's in Escondido

December 14 Christmas Party and Installation Lunch The Hunter Restaurant 12:00PM

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2024 Board:

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Breakfast Coordinator	Open		
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Short Tour Leader	<i>Mark Greenlee</i>	949-584-0699	markgreenlee@roadrunner.com
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Web Master	<i>Rick Spinello</i>	760-703-0965	RickSpinello@gmail.com

Membership is \$20 per year and club information, including a membership application and an archive of past newsletters, is available on www.palomarmodelclub.org

Business Meetings are held the first Wednesday of each month, except June, July, and December, at the Palomar Estates East Clubhouse: 650 S Rancho Santa Fe Rd, in San Marcos at 7:00pm.

Check the website, newsletters, or Facebook group <https://www.facebook.com/groups/palomarmafca> for specifics for the June, July, and December meetings. All Model A Ford hobbyists are welcome.

The Reflector is published in Escondido, CA after the 20th of each month.

Palomar Model A Ford Club



March, 2024

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