

ARIZONA FLYWHEELERS
P.O. BOX 2012
COTTONWOOD, AZ 86326



February Edition
2020

ARIZONA FLYWHEELERS
P.O. BOX 2012
COTTONWOOD, AZ 86326

President Gary Covert
928 301 0649

Vice President Jim
Radley 928 899 5688

Treasurer Joan Miller
928 282 7549

Secretary Barry Adico
928 634 4490

ARIZONA FLYWHEELERS

FEB. 2020 NEWSLETTER

PRESIDENT'S LETTER

It is hard to believe our show is only 4 weeks away.

As always we need volunteers for the gate and silent auction. So get in touch with Coy or Phil and volunteer for a time slot. Contact information included in the newsletter.

We have made a donation to Mingus Union High School to help pay college credit tuition for the programs that are training students with a trade that will enable them to get a job after graduation. The club has received three sizable donations which allows us to donate to causes that help and improve the community and it's residents. It seems good now that show season has started.

The show at Sahuaro Ranch was very good. It is great to get out and see old acquaintances, no pun intended.

See you down the road.

Gary Covert

Note: RV camping for our show is available, \$15 dry, \$25 with Electric and Water. Contact the Verde Valley fairgrounds personnel.

Barbecue Dinner on Friday evening, beginning at 5 PM for all members and exhibitors.

Volunteers needed for the March show

Meeting Schedule

March 4, 2020

April 1, 2020

May 6, 2020

INSIDE THIS ISSUE

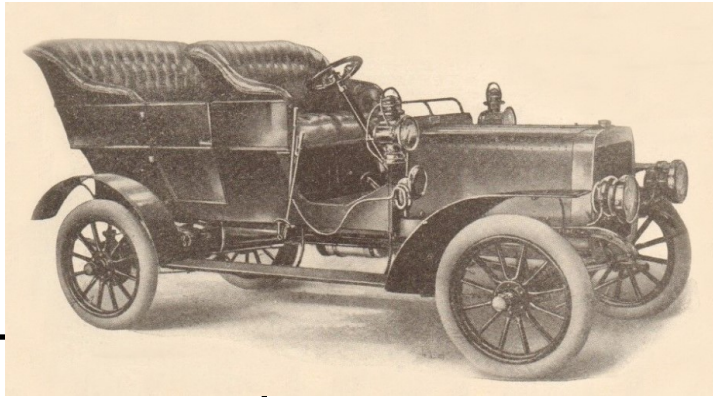
Presidents Message	1
Deere Car	2
Pine Meeting.....	3
Monitor pump	4
Classified ads	5

UPCOMING EVENTS:

- Apache Junction Show, March 14—15
- Cottonwood Show, March 20—21
- May 16—Pine Show
- Flagstaff—beat the Heat Event

Membership dues are payable by January 1st

DEERE CAR COMPANY



You already know about John Deere engines and John Deere tractors, but have you ever heard about the Deere Car Company and the 1907 Type “A” or Type “B” Deere car?

In 1907, manufactured in Moline, Illinois as the

Thank you Barry Adico and Jim Mager.

This Story is about the CTE (Career Technical Education) program at Mingus High School,

CTE is what we used to call vocational education. They have a program with the local YPC college called Dual credit, so upon graduation, the students receive a college level certificate, such as Certified Welder, or Certified Mechanic, that will allow students to enter into the work force right after high school graduation. The student is enrolled in both high school and college trades, for what is called dual credit. The catch is many students can not afford the small tuition for the classes. So your Arizona Flywheelers chose to help fund these students tuition.

And the generous donations of tractors for sale, by Barry Adico and Jim Mager have made this possible.

“Deere Touring car made only 200 units in 1906—1907 “

Deere-Clark Motor Car Company. It was not a large production but confined to high quality in a touring car design of the time. Deere called it “A car designed to Satisfy”. The Deere was an American Automobile built from 1906 and 1907. Charles Deere, grandson to John Deere, was president of the The Deere-Clark Motor co. and W. E. Clark was vice-president.

The statistics are interesting; as it produced between 25 and 30 horsepower, from 4 water cooled cylinders, each cast individually. It contained exhaust and intake valves located on opposite sides of the motor, operated from the cam shafts in the crank case. Oil cups are cast on lower end for lubrication. The crank case is an aluminum casting made in two pieces packed together using felt to avoid leakage of oil. Transmission was a selective, roller bearing with three forward and one reverse gear.

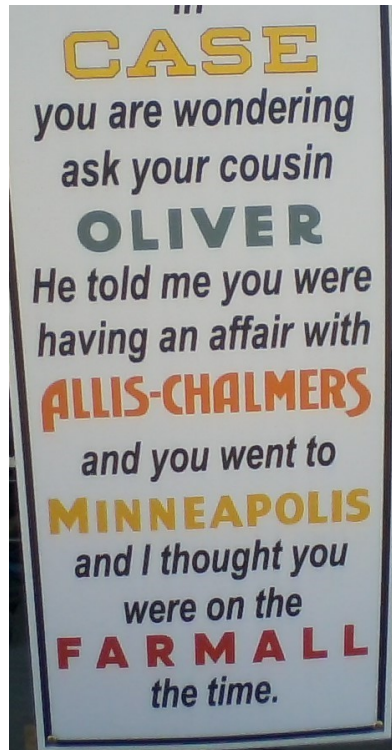
Continued on page 3

Pine Meeting

Kelly Sommers and myself (Gary C.) went to Pine AZ to attend the Pine members Christmas Breakfast. We had a great visit and spent a very enjoyable time with the group. This group of members meets every Thursday for breakfast in Pine. If you are in the area and can attend a breakfast you will be welcomed.



Sign at the recent Sahuaro Ranch Show in Glendale, AZ, Feb. 2020



Deere Continued

Lubrication was a six-feed mechanical oiler. It came with an eighteen-gallon gas tank located under the front seat. The carburetor was a float feed type. It came with three oil lamps, and two gas lamps for lighting, a dragon horn and a tool kit.

The wheelbase was 106 inches, standard color was royal purple or red, but others could be ordered, Tires were 34 inches by 4 inches.

The price for the Type "B" was \$2500.00 which was high even for a well-built car in the early 1900s. The same type automobile built by Ford Motor Co. sold for less than 1250.00 or half the cost of the 1907 Deere.

A labor strike stopped production and lawsuits were filed, and the company went out of the car business in 1907. They produced only 200 cars.

Sources of Information: The Iron Mule, Steve Ritch; Wikipedia;

WELCOME NEW MEMBERS

ROD & MAUREEN HUGUNIN
ROBERT BUSICH
FERGUSON, FRED & SARA,
BROWER, R. LIN

Meeting Minutes

January 7, 2020

Meeting was called to order at 7 AM by President Covert Minutes were read and approved. The finance report had a resultant balance of \$10,057. The Cottonwood Christmas Parade was held December 7, in attendance from the Flywheelers were two tractors, 1 engine and Paul Joens' threshing machine. We had 44 attend the Christmas dinner at Randall's. We received a thank you letter from St Vincent De Paul for our contributions. There was comment that Jack Castimore will return to Cottonwood this coming Thursday. There was a Christmas card from the Barnes family, Lou has received a pace maker and is doing better. The Welton show will be January 17-18, Suaro show will be February 8-9, Apache Jct is March 14-15. Our show in March will be dedicated to Gene De Camp as a motion was made and passed. There was a short discussion concerning the committee chairman.

Meeting was adjourned at 7:10 AM

Barry Adico, Secretary.

Monitor Pump Jack 1928

February 5 Meeting

Meeting called to order by President Covert at 7 AM Minutes were read and approved. The treasurer's report was given. We have an unusually high balance of \$10,894. The reason was due to the sale of Jim Mager's tractor for \$2500. A more realistic balance should be \$8194. The news letter should come out next week. Jack Castimore proposed adding a digital version in addition as it would contain longer articles of interest consuming more space. Sickness & Health: Jean O' Loughlin is in Phoenix having chemo. Diane Joens is also undergoing chemo treatment. It was announced that the Pine show will be May 16. Coleen will handle security at our upcoming show in March. Robert Peacock passed away. Some of his collection is for sale including his small engines. Proceeds will be donated to the club. Jack Castimore said he and 6 others visited the Mingus Union High School and was impressed by the available student programs including trade schools. He also commented that some students lack the \$80 tuition. He proposed a \$1000 donation to the CTE club to assist students. A motion was made and passed. There was discussion that we could some of our funds to help the community.

4



Monitor - Baker Manufacturing Co. sold a lot of 1 HP Little Monitor pumping engines here in the mid-west to farms. These engine outfits came equipped with a pump jack and belt pulley and could be bought with a hand truck to make the engine easier to move around for other chores.

The Monitor engine was also used in the construction industry mounted on trench pumps and cement mixers. Other uses for the Little Monitor were running cream separators, butter churns, feed grinders, corn shellers, vacuum pumps for milking machines, dynamos for charging batteries, grind stones, bone mills, line shafting, wood saws, and a number of other things. The first Monitor engines were built in 1905, with the Little Monitor pump engine appearing around 1911. The engines came in many sizes, and a Monitor show in 2002 with a total of 54 Monitor engines sizes ranging from the 1 1/4 to a 6 HP upright.

There were several more changes throughout the years, but in appearance they remained basically the same until production ended sometime in 1944.

MEMBERS PASSING

Robert A. Peacock, 97, of Cottonwood passed away Wednesday, January 15, 2020. He was born April 8, 1922 in Morris, Illinois. His hobbies included restoring vintage automobiles and engines, and the Engine Club in which he stated that they were "A great group of guys." He is survived by his daughters, Carol D. Peacock of Las Vegas, Nev. and Debra J. Arroyo (Ramiro) of Craig, Colo.;



Gene DeCamp, 1926– 2019

Gene was a founding member of the Arizona Flywheelers, and acted as the first Secretary/Treasurer for many years.



CLASSIFIED ADVERTISING

ENGINES: Bob Peacocks Estate: Items For Sale: 20 plus engines several Maytags. 3 Utilimotors and several Briggs and Stratton kick start engines. Several rope start engines. Also a wide variety of other old parts and accessories. Call RC to set up a appointment 303-570-9816.

For Sale

1. Goold Shapley and Muir 4 1/2 Hp. Nice older restoration, excellent running engine. \$3800.00
2. Fairbanks Bull Dog RD 5 Hp, Made by Bates & Edmonds, early model with arched text on hopper. Engine in original paint and runs very good. \$2300.00
3. Associated 1 3/4 Hp, Older restoration with rotary magneto, runs very good. \$1200.00 Contact; Ray Webb. 928.812.3255

For Sale: Don Meakin has for sale two pages of engines, etc. as he is selling out. Sparta 2 hp on trucks \$ 700., also, Olds 4 hp; Economy: Water Lou Boy and many others. His contact information is 602-882-3968 or email: donmeakin

WANTED:

- Wanted - PLACE YOUR AD HERE

PARTS / Misc.

List your parts or miscellaneous here.

Volunteers needed for the March show

Please contact: Coy Streetman for helping with the gate: coy@ibsnational.com or phone: 512-420-0582
Phil Hess to help with the Silent Auction:
at: pshess@gmail.com Or phone: 928-300-6121

THANK YOU

Our club secretary, Barry Adico, has made a generous gift to our club of his 1940 John Deere H. Tractor in Restored condition, the proceed from the sale will be used to fund community projects, such as the dual credit CTE program at Mingus High School, that allows students to receive college credit and certification in the trades after graduation.

Thank you Barry for your generous gift.

Feb Meeting Continued.

The Friday night dinner for upcoming show was discussed. Bill Cowan offered to do a BBQ dinner. This was approved by the club. Jack Castimore said we have 26 brown shirts and 22 green shirts for sale. He plans to order more caps of varying colors. Steve Lombardo will do baskets for the show. Tables will come from a Mr. Longfellow. It was approved to donate \$100. It was stated we need more volunteers to help at the show. There will be no ice cream at the show this year as the vendor will be in Israel. In addition to Gene De Camp, the show this year will also be dedicated to Bob Peacock.

Meeting adjourned at 7:25 AM

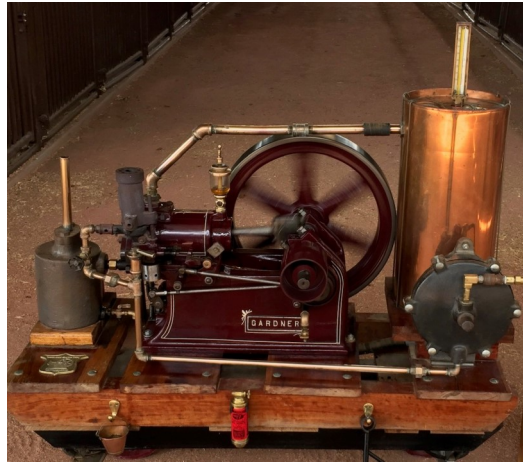
*Engines and
Tractors
For Sale*

Business Advertisements can appear in this newsletter.

Contact: jack Castimore
at
jcastimore@hotmail.com

ARIZONA FLYWHEELERS

ARIZONA FLYWHEELERS
P.O. BOX 2012
COTTONWOOD, AZ 86326



This years pin design - Gardener Engine from England. Bill Lanier's engine.

ARIZONA FLYWHEELERS
P.O. BOX 2012
COTTONWOOD, AZ 86326
President Gary Covert
928 301 0649
Vice President Jim Radley
928 899 5688
Treasurer Joan Miller 928
928 282 7549
Secretary Barry Adico 928
928 634 4490

**Pine will be having their show
on May 16th, 2020**

ARIZONA FLYWHEELERS

Membership dues are payable by January 1st

Membership dues are payable by January 1st

Dues are 15.00 dollars per year. Badges are \$10.00 or \$12.00 each, Hats are \$10.00 and Tee shirts are \$ 8.00. Polo shirts are \$20.,& \$22 for 2xl. Order from Arizona Flywheelers, P.O.Box 2012 Cottonwood, AZ 86326. Make checks payable to Arizona Flywheelers. Thank you

Please visit our website - www.arizonaflywheelers.com

Dues

January will be the beginning of a new year for the Arizona Flywheelers and it will be time to pay your annual dues.

The dues amount will be \$15. per year. A dues form is included in the newsletter.

Please email me with any due's questions. My email address is joanandherb@aol.com or call me at (928) 282-7549

Joan Miller
Treasurer for the Arizona Flywheelers
P. O. Box 2012
Cottonwood, AZ 86326

Name

Spouse

Address

City _____

Zip _____

Telephone # (_____) _____ Cell phone # (_____) _____

E-mail address _____

() New Member () Renewal () Address Change () Name Change () Already a member

DUES: \$15.00 FAMILY AMOUNT PAID: _____

BADGES: \$10.00 EACH (CLIP OR PIN) AMOUNT PAID: _____

\$12.50 EACH (MAGNET) AMOUNT PAID: _____

TOTAL PAID: _____

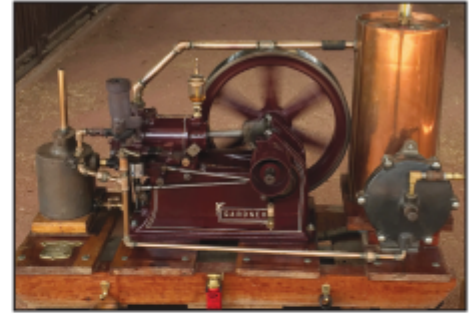
Name on Badge: _____

Annual CLUB dues are **\$15 per year**

Dues are renewable on January 1st of each year.

Please make checks payable to **Arizona Flywheelers** and mail to:

Arizona Flywheelers, P. O. Box 2012, Cottonwood, AZ 86326



Arizona Flywheelers ANNUAL 36TH SHOW

ANTIQUe ENGINE & TRACTOR SHOW

9AM-4PM

MARCH 20 & 21ST, 2020

9AM-4PM

Cottonwood, Arizona

VERDE VALLEY FAIRGROUNDS

Tractor Pull and Tractor Parade

Swap Meet • Arts and Crafts • Kiddie Tractor Pull

Antique Engines • Hot Air Engines • Tractors • Models

Hardenbrook—Rice Engine

At the turn of the 20th century, Frank Hardenbrook and William Rice were well-known inventors in Jasper, Missouri. In April 1901, The Jasper News reported Hardenbrook and Rice had patented a gasoline engine.

Hardenbrook and Rice applied for a patent on their engine Aug. 28, 1902, which was granted May 17, 1904 (No. 760,333), covering a “valve-gear for explosive-engines.” The patent documents illustrate an air-cooled engine with a belt- or chain-driven mechanism

that acts upon the exhaust valve with a latch-out mechanism operated by a governor weight in the flywheel, and a ported exhaust on top of the cylinder.



Members attend engine & tractor show in Glendale AZ, February 2020

Members attended the Glendale show included Bill Lanier, Tom and Bill Trainor, Tom Kelley, Brennen Peters, Gary Gruel, Gary Covert, Marvin Meaks, Leo & Gloria Vriesekoop, Jack & Troy Castimore, Angle & Javier Aguirre, and more.

Member Paul KLUSMAN, of Phoenix, arrived with his restored 1959 American LaFrance fire truck that took ten years for him to restore. It is magnificent.



Tractor and Farm Facts: 1880's

1834 — Cyrus Hall McCormick develops the horse-drawn mechanical reaper at Staunton, Va.

1836 — Hiran Moore and John Hascall, Kalamazoo, Mich., develop a machine for mowing, winnowing and threshing grain.

1837 — John Deere develops the self-scouring steel moldboard plow in his Grand Detour, Ill., shop. He learned to polish steel as a result of his boyhood job of polishing his mother's sewing needles so they would easily penetrate cloth.

1841 — Robert Ransomes of Ipswich, England, introduces the first steam-powered traction engine and began producing it commercially a year later.

1844 — William Ketchum of Buffalo, N.Y., patents the first machine strictly for cutting hay.

1849 — The first steam traction engines appear in the U.S. These portable models are pulled by horses. One of the first portable steam engines, the "Forty Niner," was built by A.L. Archanbault in Philadelphia. The engine was offered in 4-, 10- and 30-horsepower sizes.

1855 — The first self-propelled steam traction engine in the U.S. is invented by Obed Hussey specifically for plowing.

1857 — The Oliver chilled cast-iron plow is developed by James Oliver.

1863 — John Deere develops the Hawkeye Riding Cultivator, the first implement designed to ride instead of walk behind. The cultivator was marketed as easily operated by "one-armed or one-legged men."

1869 — The J.I. Case Co. produces the first steam-powered traction engine that is used primarily to replace animals in farming operations.

1882 — Cyrus McCormick builds the first McCormick Daisy Reaper.

1886 — William Deering & Co. is the first manufacturer to build a factory to produce "binder twine" used on their harvesters.

1887 — In Sterling, Ill., the Charter Gasoline Engine Co.'s creation of a gasoline-fueled engine led to early gasoline traction engines before the term "tractor" was coined by others.