

# The Line Shaft

*The Official Newsletter of the*

**NORTH JERSEY ANTIQUE ENGINE & MACHINE CLUB**

**December 2021**

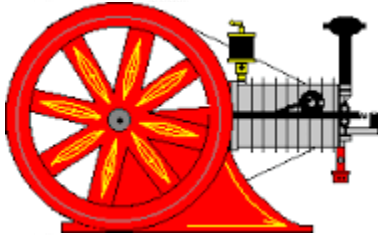


**President: Chuck Klim**  
973/903-3583

**Vice Pres: Brian Kardos**  
973/756-7772

**Treasurer: Linda Klim**  
973/948-0693

**Sec/acting: Mary Hendershot**  
973/534-6781



*Founded on October 15th, 1979 by: Arthur Goble, Fred W. Westbrook, John Snook, Roy Bischoff & Lewis Quince*

**The November 11th meeting was held at the Administration Building**

President Chuck Klim brought the meeting to order followed by the flag salute. Secretary Mary Hendershot read off the minutes from last month's meeting. Then acting Temporary Treasurer Melanie Kardos read off two bills for belts and postage, which were approved for payment. Melanie proceeded to read the account balances for both the General Account & Raffle Account.

**Old Business:** Brian Kardos notified everyone that the scheduled PLOW DAY will be held on Sunday the 14<sup>th</sup> due to the reported Saturday rain possibility. Chuck Klim again mentioned selling the Fair raffle tickets earlier in the coming year, so we can make ticket sales at earlier events. A motion was made and accepted. Reminder, our Christmas Party will be on Wednesday, December 15<sup>th</sup> at 6 p.m. Please contact Melanie Kardos or Mary Hendershot and let them know what side dish or dessert you are bringing to the party, we don't have duplicates...SEE BELOW! Chuck has talked to Mike Richards, from the Fair Grounds, about the loan-to for our building and he was in favor. We need to show him the blueprints and get a quote. Chuck also mentioned we have a person interested in purchasing the horse drawn carriage, that was donated by the Vanderberg family.

**New Business:** Chuck stated he is not happy with the service at Wells Fargo Bank and wants to switch back to Lakeland Bank as they had a bit better service. All were in favor, none opposed. Chuck then proceeded to discuss talks we are having with the Sussex County Agricultural Society. Valerie Castimore was present, representing the Ag Society and she, Chuck and Linda Klim had a short discussion on the possibility of merging the two clubs or at least getting members to help each other out during the State Fair as both clubs members turnouts were low this year. Valerie will talk it over with the Ag Society members and more discussion will follow on this subject.

**Members voted tonight on the open Treasurer position and the two members running were Melanie Kardos and Linda Klim. Ballots were passed out and members also voted on the incumbents for President and VP and for the (3) Board of Director positions available. Chuck counted the votes in front of the membership...see Page 4 for the results.**

The motion to adjourn the meeting was made by Andy Mackey and seconded by Brian Kardos.

The next meeting will be at 7PM on December 9th at the Administration Building



## 2021 Christmas Party

Wednesday December 15th

6 PM to 10 PM

The Conservatory at the Fairgrounds



Turkey, ham and drinks will be provided...we need side dishes and deserts, so please contact Melanie Kardos and let her know you will be attending and what food you will be bringing!

973/337-3210

melaniekardos64@gmail.com

As always: gifts are \$15.00, wrapped, no name...(1) exchange allowed!

Also, we need volunteers to arrive at 5PM, to set up tables etc.

Our Web Address: [njaemc.org](http://njaemc.org)

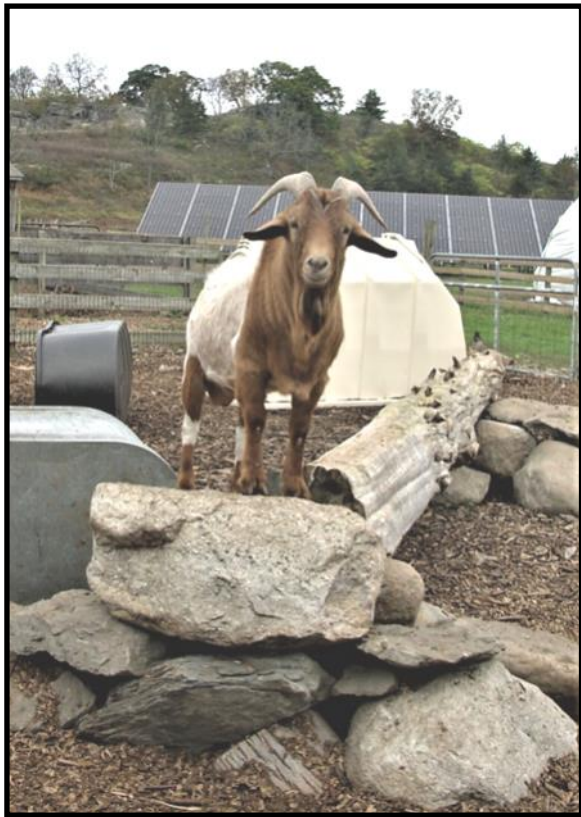
67 Branchville Lawson Rd., Newton NJ 07860



**IDEAL FARM & GARDEN CENTER**

**Fall Festival**

**October 23rd & 24th 2021**



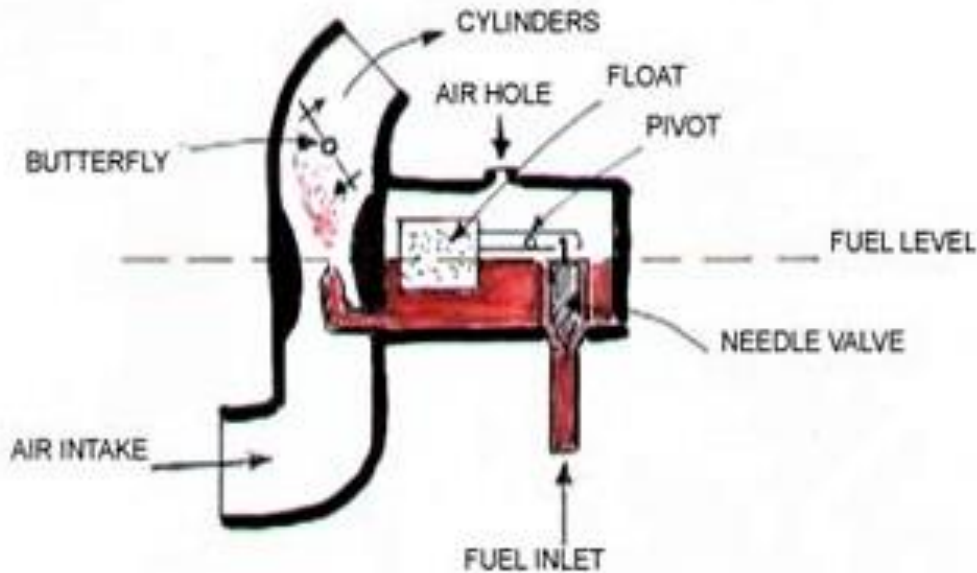
***The weather was good!***

***The events and attractions included: pumpkin picking, hayrides, farm tractors, food, hit-n-miss engines, animals-animals-animals wine tasting, Home-made-go-kart racing, climb-on tractors for kids, drones and more... with an excellent turnout!***



# The UP-DRAFT Carburetor

Common on older farm & industrial equipment, but an engineering error...



In 1896 German engine designer and automotive pioneer Wilhelm Maybach partnered with engineer-industrialist Gottlieb Daimler and created the float-type spray carburetor...the precursor of what would become the modern carburetor. This carburetor was of the up-draft design, due to the flawed and mistaken reasoning that gasoline fumes and vapors rise...gasoline fumes and vapors actually settle downward!

Gasoline fumes and vapors are very volatile when changing from their liquid state and are "heavier" than air and will sink and collect at the lowest level they can find...on an up-draft carburetor they will exit the carburetor thru the intake. Also the up-draft design is less efficient than its later cousins, the down-draft and side-draft carburetors. Not only is the air flow of the up-draft "counter" to the inherent flow of the fuel's fume and vapor, but it is problematic at the start-up of older engines that have lost compression and the "ability" to create a quick & substantial vacuum. The intake manifold of the up-draft equipped engine is pre-loaded with "air", while the intake of the down-draft and side-draft equipped engine is full of gaseous fumes...which are immediately pulled into the cylinders at the first crank, ready to meet the spark plug.

Pluses of the up-draft design are that it allows for a lower engine profile, can better use a gravity-feed fuel supply, and will never flood the engine. These were the reasons generally given for using this design, but are actually after-the-fact benefits for what was essentially an engineering error.

## ***Election of Officers: 11/11/21***

<b>President:</b>	<b>Chuck Klim</b>
<b>Vice President:</b>	<b>Brian Kardos</b>
<b>Treasurer:</b>	<b>Linda Klim</b>
<b>Secretary:</b>	<b>Mary Hendershot - TBD</b>
<b>Board of Director:</b>	<b>Blace Flatt</b>
<b>Board of Director:</b>	<b>Milt Jager</b>
<b>Board of Director:</b>	<b>Andy Mackey</b>

# Plow Day, IDEAL FARMS: 11/14/21



Benny Jorritsma, Chuck Klim and Blace Flatt do last minute plow adjustments

Members attending w/tractors

Blace Flatt w/Oliver Super 77

Brian Kardos w/Deere 4010

Chuck Klim w/Oliver Rowcrop 77

*A small all-green team!*



12 Acres were  
plowed!



Plowing went  
on from  
9:00 AM  
thru  
1:30 PM



*The weather was chilly, but we had a nice clear day!*

## NJAE&MC—Upcoming Events

*Next meeting:*

December 9th at the Administration Building  
It will start at 7PM

*Christmas Party:*

December 15th, a Wednesday...see page 1



*Wishing you a wonderful Thanksgiving!*



### **CART SPONSORS FOR 2021**

Campbell's Small Engine  
Ideal Farm & Garden Center  
Lafayette Auto Parts Supply  
Montague Tool & Supply  
Newton Auto Body  
Solar Tire  
Tire King  
Wilson Coal & Supply

*Please patronize them and encourage your friends and family to do the same!*



*Ideal's Farm Store had a great Festival weekend also... and that's a good thing!*



**Telephone: 973/383-1717**

**A large variety of Automotive Parts, Paint, Tools, Batteries,  
Farm & Implement Parts, Baling Twine, & Hydraulic Hoses!**

**Monday-Friday: 7:00 A.M. - 5:00 P.M.**

**Saturday: 8:00 A.M. - 12:00 P.M.**

**Lafayette Auto Parts Supply**

**17 Morris Farm Road  
Lafayette, NJ 07848**

