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Minnesota Valley

Antique Farm Power & Machinery Association



5030 Twentieth Avenue Southwest

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FEBRUARY 2020

<http://www.heritagehill.us>

<https://www.facebook.com/heritagehillshow>

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PRESIDENTIAL STATE OF THE HILL ADDRESS:

After a nasty start to the year it appears that things have changed for the better. After some bitter cold temperatures, wind, snow and ice, the temperatures seem to have moderated with lesser amounts of moisture. To date the winter has not been abnormally cold, but it certainly has not been fun. Many winters ago, when tending to the livestock on a daily bases, I real did not pay too much attention to how bad the weather may have been. It did not matter, chores needed to be done. With an abnormally high amount of wet snow and ice precipitation, many folks have arms in slings or gingerly moving about after slipping on the ice.

Show time is rapidly approaching! Things are falling into place but you the members are still needed to help in various capacities. The volunteer opportunities range from helping to maintain the grounds to selling raffle tickets to sitting in a building and telling folks the Heritage Hill story. There is something for everyone whether you are limited in physical capacity or not. These tasks are not all up to the board to do so please volunteer to help out in any way you are able.

I have been busy in the shop with several restoration projects. There is always more work than time allows. What makes these jobs especially challenging is when it becomes apparent replacement parts are no longer available. Much time is spent researching online trying to find parts that would work for my applications. For anyone who restores Farmall's, you already know that quite a few parts are no longer available. Many of those unavailable parts were discontinued when Tenneco purchased and merged International Harvester with J.I. Case, November 23, 1984. While searching for parts, many online discussions have explained the plausible reason for the parts shortages. A friend of mine was trying to help find a needed part. This friend had a past discussion with a fellow who used to work at International Harvester. This former employee indicated that the people from Case were throwing valuable documents and blueprints in the dumpster, and "dumpster diving" was commonplace during the afterwork hours, an attempt by the former International Harvester personnel to save what they could. Unfortunately, many of those valuable documents were destroyed. When it came to deciding which parts to continue to stock, the money counters make some rather damaging decisions. If there was a part that was not selling up to the new management's expectations, that part would then be discontinued. Those of you who are mechanically inclined will understand the following. On the older four-cylinder engines, the crankshaft has either two or four main bearings and one thrust bearing, depending on whether it was gas or diesel powered engine. The top management, who had no experience with the workings of engines, decided that since the regular crankshaft bearings were outselling the thrust bearings, either two to one or four to one, the thrust bearings would be discontinued since not enough were selling. The engineers tried to explain that the thrust bearing is needed along with the main bearings to make a set but that did not matter. Those decisions make for some creative thinking when it comes to having to restoring or repair these machines. I will have more on my adventure with non-existent parts next month.



I hope to see you at the next membership meeting **February 17, 7pm**, Montevideo Community Center.

Chip Grube, President

MEETING NOTICES & COMING EVENTS

Membership Meeting (Servers for Waunita Kanten, Dorraine Thompson, Beatrice Olson)	Monday, February 17, 7:00 pm @ Montevideo Community Center
Board Meeting	Sunday, March 1, 6:00 pm @ Montevideo Chamber of Commerce
Heritage Days 2020	June 19 - 20, 2020
Christmas Party	Saturday, December 12

MEMBERSHIP MEETING MINUTES: January 20, 2020 — Grant Schmeig, Secretary

President Grube called the meeting to order @ 7:00 PM, Tuesday, January 20, 2020 at the Montevideo Senior Community Center. President Grube led the Pledge of Allegiance.

Quorum: 23 members present. Vice President Schultz led the Pledge of Allegiance.

Secretary Grant Schmeig presented the minutes of the November 19, 2019 Membership Meeting. M/S/P Leslie Bergquist/ Robert Schultz to approve the minutes.

Treasurer Leslie Bergquist presented the December and November 2019 Treasurer's Report and the 2019 Annual Report. M/S/P Carla Johnson/James Roe to approve the reports.

- **Audit:** An audit was conducted of the 2019 Heritage Hill treasury. Scott Thissen reported all areas of the audit are good. M/S/P Orlynn Hegna/Robert Schultz to accept the contents of the 2019 Heritage Hill audit report.
- **Health Concerns:** Terry Hubel suffered a stroke this afternoon. Please keep him in your prayers.
- **Christmas Party:** Thank you to Beth Finn for preparing the food. M/S/P Richard Emch/Douglas Norman to engage Doug Ohman for entertainment at the 2020 Christmas Party on December 12, 2020.
- **Raffle Tickets:** Raffle Tickets are now available for sale. A raffle coordinator is still needed.
- **Pedal Tractor:** A Farmall 706 pedal tractor will be donated by Arnold's Equipment.
- **Donation/Sponsorship:** Donations and sponsorships are being sought to cover the cost of the band as well as sponsorships for the show. Canyon Cowboys has been procured for entertainment.
- **Garden Tractor Pull:** A volunteer is still needed for leveling and packing the track.
- **Jim Roe Duties:** Still in need of someone to take over Roe's duties at the various buildings during the Threshing Show.
- **Nominating Committee:** Still looking for members to be part of the nominating committee.
- **Queen Nominees:** Need to have all Queen nominees in by April 2020.
- **Connie Reinert:** Reinert needs names and phone numbers of people bringing tractors and/or equipment from the 60's to the show.
- **Signage for Threshing Machine:** M/S/P Orlynn Hegna/Leslie Bergquist to purchase two aluminum signs costing \$700.
- **Adjournment:** M/S/P Scott Thissen / Les Bergquist

DIRECTOR MEETING MINUTES: February 2, 2020 – Chip Grube, Acting Secretary

President Grube called the meeting to order at 6pm, Sunday, February 2, 2020 at the Montevideo Chamber of Commerce office. In attendance were Grube, Schultz, Bergquist, Johnson, Thissen and Coon. Absent: Ashling, Finn, Kleene and Schmeig

As there was no flag present, the pledge was not recited.

President Grube presented the Secretary's report. M/S/P Schultz/Coon at accept the minutes as printed.

Treasurer Bergquist presented the January 2020 Treasurer's report. M/S/P Johnson/Thissen to accept the report.

- **Raffle Ticket Coordinator:** A volunteer is needed to coordinate raffle ticket sales. Schultz will handle this at the February membership meeting.
- **Queen Candidates:** Queen candidates are needed by the April 21 membership meeting.
- **Contact Information:** President Grube had received an email asking for contact information for Jim or John Collins. The emailer is needing information and photos to aid in restoration of an old Case baler like the one owned by the Collins. If anyone knows them, please let President Grube know.
- **Donations and Sponsorships:** Donations and sponsorships are being sought for the Friday night band and for the show in general.
- **Tractor Drive:** Plans are being made by Coon for the annual tractor drive.
- **Show Schedule:** The board reviewed and discussed the show schedule. Changes include corn shelling at 11am, threshing at 2:30pm. Friday night bean bag tournament will start at 6pm, Canyon Cowboys at 7:30. Saturday, the pedal pull is at 3pm, garden tractor pull at 5pm and the large tractor pull at 7pm.
- **Show Guide articles:** Connie Reinert would like names and phone numbers of exhibitors of 60's era equipment and any other exhibitors who have committed to be at the show. connie@beyond-broken.com

- **Show Displays:** Please encourage anyone you know with equipment of the 60's to bring it the Threshing Show. It does not matter if it is restored or not. Tractors, combines, tillage or planting equipment, cars, trucks....all is welcomed!
- **Pulling Track Volunteers:** Anyone who would like to volunteer to help with the garden tractor pull is encouraged to do so.
- **Tractor Games:** Discussion was held on having tractor games. A decision has not been made at this time.
- **Demonstrations:** After some discussion, it was decided to not have the jaws of life or rollover demonstration this year.
- **Concession Stand:** It was decided to set up the concession area near the pulling track as part of preparing for the show.
- **Nominating Committee:** A nomination committee is still needed.
- **Next membership meeting:** February 17 at the Montevideo Community Center.
- **Next Board of Directors meeting:** March 1 at the Chamber of Commerce office.
- **Adjournment:** M/S/P/ Bergquist/Schultz

TREASURER'S REPORT: January 2020

Financial Statement: January 1, 2020

<u>Internal Accounts</u>	<u>Depository Accounts</u>
\$27,241.97 General Fund	\$2,852.89 Citizens Alliance Bank - Checking
\$4,153.00 Chapel Fund	\$59,542.08 CAB - Preferred Money Market
\$21,000.00 Farming Fund	\$0.00 CAB - Certificate of Deposit
\$10,000.00 Insurance Fund	\$62,394.97 TOTAL
\$62,394.97 TOTAL	\$0.00 Loan Balance - Citizens Alliance Bank

Operating Statement

\$62,394.97	Balance: January 1, 2020		
	<u>RECEIPTS</u>		<u>DISBURSEMENTS</u>
	\$360.00 Donations	(\$300.00)	Advertising
	\$45.00 Dues/Membership	(\$285.21)	Electricity
	\$15.17 Interest	(\$44.00)	Office Postage
	\$22.00 Meeting Lunch Donations	(\$1,581.96)	Raffle Expense
	\$268.00 Merchandise	(\$2,211.17)	TOTAL
	\$200.00 Raffle Ticket Sales		
	\$910.17 TOTAL	\$61,093.97	Balance: January 31, 2020

Financial Statement: January 31, 2020

<u>Internal Accounts</u>	<u>Depository Accounts</u>
\$25,580.97 General Fund	\$1,536.72 Citizens Alliance Bank - Checking
\$4,513.00 Chapel Fund	\$59,557.25 CAB - Preferred Money Market
\$21,000.00 Farming Fund	\$0.00 CAB - Certificate of Deposit
\$10,000.00 Insurance Fund	\$61,093.97 TOTAL
\$61,093.97 TOTAL	\$0.00 Loan Balance - Citizens Alliance Bank

Leslie K. Bergquist, Treasurer

EXTRA: The Farmall 1206 History

Just as the H and M had taken the agricultural world by storm, the 706 and 806 proved that Harvester's engineering team was capable of designing robust and reliable machinery. And even as those first of the 06 series tractors were an immediate success, Harvester's Farm Equipment Division (FED) had a higher-powered tractor in mind. Consideration of the 1206 Farmall began in the early 1960s when the FED began planning a large diesel-powered row-crop tractor in the 100-plus-horsepower category that would also deliver up to 12,000 pounds of pull. The 1206 was scheduled to enter production in

January 1964, but there was a problem with commercially available tractor tires of the time. The 1206 prototypes delivered so much power to the ground that they literally tore their tires from the rims. The 1206's improved 18.4x38 tires took about a year to develop. With the new severe-duty tires mounted, the Farmall 1206 was finally released to production in 1965. The model was tested in Nebraska Tractor Test #910 from September 8 to September 23, 1965. The 1206's design incorporated many upgrades and new parts to ensure that all relevant components were appropriately matched to the increased power load. Indeed, the tractor's powerplant itself was largely new although a quick glance didn't make that



clear. The 1206's DT-361 engine was a turbocharged version of Harvester's proven 361-cubic-inch engine found in the 806, the differences between the two were considerable. FED engineers recognized that squeezing more than 100 horsepower from the D-361 was going to take more than just pressurized aspiration and additional fuel if the engine was to be reliable. Engineers from FED and Solar Turbine, then International's wholly owned subsidiary (now owned by Caterpillar), collaborated on redesigning the 361-cubic-inch engine to handle the extra power and the increased air and fuel loads the turbocharger would provide. Once in production, the DT-361 as it was installed in the 1206 used a Solar Turbine turbocharger designed FED engineers also paid special attention to

the 1206's clutch, transmission, and final drives. The specially designed drivetrain was filled with stronger hardened gears than those in the similarly designed 806. With the optional heavy-duty hydraulically actuated Torque Amplifier the big tractor had an effective 16 forward speeds. When first released, the Farmall 1206 was equipped with a new welded tubular steel grille instead of the 806's cast grille. Shortly after its initial release, the Farmall 1206 received the cast-iron grille housing. Identification included a gold-trimmed "Turbo" decal in scripted lettering on each side of the hood's front. The Farmall version of the 1206 could be ordered with an adjustable wide front or the traditional narrow front, enclosed cab, Fast Hitch with removable three-point links, and dual rear wheels. It came standard with the new flattop deluxe fenders. Alongside the Farmall 1206, International Harvester also released the International 1206 Standard and a Wheat Land version. The International 1206's styling was similar to that of the Farmall version with a most notable exception being that the big rounded fenders were painted red. What did farmers think about the 1206 in its day? They loved it. By the time it was replaced in late 1967 with the more powerful 1256, close to 10,000 of the beasts had been sold. The 706, 806, and 1206 were upgraded to the 756, 856, and 1256 in 1967 for release in 1968.

Minnesota Valley Antique Farm Power and Machinery Association

2020 MEMBERSHIP DUES

\$15 Individual - \$25 Family

**If you have not paid your annual 2020 membership dues, please remit your dues payable to:
Heritage Hill, Box 226, Montevideo, MN 56265**

Name(s): _____
Address: _____
Phone: _____ Email: _____

Your Heritage Hill Membership is valued and greatly appreciated by many.