

APPLICATION FOR THE TEST OF THE

McCormick-Deering Farmall
(Name)

"F-20"
(Model)

Tractor

Chicago, Illinois, Feb. 26, 1934
P. O. Date

Department of Agricultural Engineering,
College of Agriculture,
University of Nebraska,
Lincoln, Nebraska.

Gentlemen:

The International Harvester Company of America hereby applies for test
(Applicant)

as provided by Nebraska law, of the McCormick-Deering Farmall
(Trade Name)

"F-20" (no H.P. rating established) Tractor. Specifications of this tractor
(Model, H. P. Rating)

are given on sheets attached hereto and marked exhibits A, B, C, D,

(A, B, C, Etc.)

(Each loose sheet and each set of sheets permanently bound together to be marked as an exhibit.)

All of the claims made regarding the construction and performance of this tractor by the applicant either directly or thru his selling agents are covered in sheets and catalogs attached hereto and marked exhibits "F"

(Each loose sheet and each catalog to be marked as an exhibit.)

All printed operating instructions furnished to purchasers of this tractor are enclosed herewith and marked exhibits "E".

Mr. Raymon J. Bowers, Test Engineer, Gas Power Engineering Dept.
(Name) (Position with Applicant)

will be the official representative of the applicant during the test, and will carry proper credentials.

The Int'l. Harvester Co. of Am. hereby agrees that no claim for the tractor in excess of
(Applicant)
those declared herewith will be made by the applicant either directly or thru his agents; and that no tractor will be offered for sale either by the applicant or his agents under permit based on this test, which does not correspond exactly with description given herewith; excepting such changes in claims made for the tractor or in construction of the tractor as may from time to time be approved in writing by the Board of Tractor Test Engineers and the State Railway Commission.

Respectfully submitted,

(Signature)

(Name typewritten)

J. L. McCaffrey

(Position) Vice President

(TO BE SIGNED BY AN OFFICER HAVING POWER TO MAKE CONTRACTS FOR THE APPLICANT)

SPECIFICATIONS OF McCormick-Deering Farmall "F-20" TRACTOR
(Name) (Model)

1. Manufacturer: International Harvester Company
Address Chicago, Illinois
Tractor submitted for test by International Harvester Company of America
Horsepower rating: Drawbar -- Belt -- Fuel Gasolene Kerosene Is this tractor to
be advertised or sold for operation on kerosene? Yes

ENGINE

2. Manufacturer: International Harvester Company
Name McCormick-Deering Model F-20 Four cycle. bore 3-3/4 in.
Stroke 5 in. Crankshaft r. p. m. rated load 1200 Engine weight 840 lbs. (Specify equipment
included) Carburetor, Clutch, Fan, Magneto, Oil Filter
Engine mounted with crankshaft lengthwise Yes crosswise -- of tractor frame.

3. Cylinders:
Number 4 Type of cylinder castings Removable Sleeve Material Grey Iron Vertical Yes
Horizontal -- Opposed -- Clearance Volume 16.834 cu. in. Compression
pressure 80-85 lbs. per sq. in. gage at 1200 r.p.m. L. I. or T. head Valve in head Head detachable Yes
Are cylinders ground to dimension? Yes

4. Valves:
Type Poppet Location in head
Inlet: No. per cyl. One O. D. 1.750 in. Port. diam. 1.4375 in. Lift .2722 in. Seat angle 45°
Material: Head Exhibit "C", MD-3140 Stem Exhibit "C", MD-3140
Exhaust: No. per cyl. One O. D. 1.750 in. Port. diam. 1.4375 in. Seat angle 45°
Material: Head Silcorome #2 Stem Silcorome #2
Timing: Inlet opens 10° after T. C. Closes 30° after L. C. Exhaust opens 50° before L. C.
closes 10° after T. C.

5. Pistons:
Weight of one with rings and pin 3 lbs. 11 oz. Length 4-1/2 in. Material Grey Iron
Piston clearance (for diameters). First land 3.732 in. Second land 3.740 in. Third land 3.745 in.
Skirt 3.745 in. Are pistons ground to dimensions? Yes

6. Piston Rings:
Make or type 3 Plain Compression; 1 Oil Regulating.
Number per piston Four Width .1860 in. .1865 in.

7. Piston Pin:
Length 3-3/8 in. Diameter 1.2985 in. Solid or hollow Hollow Material Exhibit "C"
MD-5120 Heat treatment Exhibit "B", Article 1 Ground to dimension Yes
Method of holding piston pin Set Screw thru piston boss and piston pin -
Cotter pin thru set screw on inside of piston pin.

SPECIFICATIONS OF McCormick-Deering Farnall "F-20" TRACTOR
(Name) (Model)

8. Piston Pin Bearings:

a. Bearing in piston bosses..... No..... Total length..... --..... in. Removable bushing..... --
Material..... --..... --..... --
b. Bearing in connecting rod end..... Yes..... Length..... 1.738
1.748..... in. Removable bushing..... Yes
Material Phosphor Bronze - Exhibit "C", Article 7

9. Connecting Rod:

"I" Beam
Type..... Section..... Length c. to c..... Ten..... in. Material..... Exhibit "C", MD-1040
Heat treatment..... Exhibit "B", Article 2
Weight complete with all bolts, nuts and bearings in place..... 4..... lbs. 6..... oz.
Bearing cap bolts: No..... Two..... Length..... 3.3125..... in. Material..... Exh. "C", MD-3140
Crank bearing: Diam..... 2-1/4..... in. Length..... 2.238
2.239..... in. Material..... Exhibit "C", Articles 8&9

10. Crankshaft:

Weight..... 61 lbs...... Material..... Exh. "C", MD-3140 Heat Treatment..... Exh. "B", Article
3..... Counter balanced..... No - Running Balance at Main crankshaft bearings..... Number..... Two
100 r.p.m. on Precision Balancing Machine.
Type..... Single Row Ball Bearing.

DIMENSIONS OF EACH BEARING

	Diameter		Length		Material
Front Bore	2.5591	in.	1.2992	in.	S.A.E. #313
O.D.	5.5118	in.		in.	
		in.		in.	
		in.		in.	
		in.		in.	
		in.		in.	
* Rear Bore	2.9528	in.	1.4567	in.	S.A.E. #315
O.D.	6.2992	in.			

* Rear is flywheel end.

11. Flywheel:

Diameter..... 16..... in. Weight..... 97..... lbs. Solid or spokes..... Solid..... Method of attaching
(mark x): Flange..... -- Taper..... -- Straight..... x - Pressed and keyed on with one
taper pin.

12. Camshaft:

Material..... Exhibit "C", MD-1015 Heat treatment..... Exh. "B", Article 4
Cams: Integral..... Yes Separate..... -- Camshaft bearings..... Number..... Three

SPECIFICATIONS OF McCormick-Deering Farmall "F-20" TRACTOR
 (Name) (Model)

DIMENSIONS OF EACH BEARING

	Diameter	Length	Material
Front	1.9995 - 2.0005 in.	2.179 - 2.182 in.	
	in.	in.	
	in.	in.	Exhibit "C",
Center	1.9145 - 1.9155 in.	1.245 - 1.255 in.	Article 7
	in.	in.	
	in.	in.	
Rear	1.4995 - 1.5005 in.	1.745 - 1.755 in.	

Camshaft drive: Spur gear ☐ Helical gear ☒ Chain ☐ Crankshaft gear material Exh. "C", MD-1040
 Camshaft gear material Exhibit "C", MD-1040

13. Lubricating System (mark x):

(a) Circulating ☒ (b) Non-circulating ☐ (c) Pressure feed ☐ (d) Gravity feed ☐
 (e) Splash ☒ (f) Drilled crankshaft ☐
 (g) Mechanical lubricator ☐ Make ☐ Capacity ☐ gals.

Camshaft lubrication (mark x):

Bearings: Independent lead ☐ Pressure ☐ Splash ☒
 Gears: Independent lead ☒ Pressure ☐ Splash ☐
 Piston lubrication (mark x): Independent lead ☐ Pressure ☐ Splash ☒

14. Lubricating Oil:

Capacity 1.625 gals. to fill crank case to proper operating level.

Oils recommended (give trade names and grades for summer and winter operation).

No particular oils are recommended by name or grade. Any oils conforming to oil specifications are suitable.

See Page 3-A for oil specifications.

15. Oil-pump Type:

Type Gear Location lower half of crankcase, center front,

16. Governor:

Make Own Type flyball-centrifugal Enclosed Yes

LUBRICATING OILS

Engine Lubrication

S.A.E. No.20 or No.30 oil should be used in cold or cool weather and S.A.E. No.40 or No.50 oil in warm or hot weather.

Approved Lubricant for use in
Alemite "Push Type" Compressor, Transmission,
Differential, Steering Gear, etc.

Oil used under this specification must be properly refined petroleum oil. It shall not contain grit, sediment, acid, alkali, soap, resin, excessive moisture or any substance not derived from petroleum.

The flashing point, Cleveland open cup, shall not be below 350° F.

The viscosity, Saybolt Universal, at 210° F. shall be between 140-150 Sec.

Lubricant shall have a cold test 0° F. A.S.T.M. method of testing.

Pour test shall be 5° F. plus, higher than cold test.

The water and sediment shall not exceed 0.5% by volume.

The lubricant shall not corrode any metal used in the construction of the machine.

Model F-20 Tractor Transmission

When operating Model F-20 tractors in cold or cool weather S.A.E. 90, or equivalent, is approved as a suitable transmission lubricant.

SPECIFICATIONS OF McCormick-Deering Farmall "F-20" TRACTOR
 (Name) (Model)

Is governor independent of hand throttle? Yes Regulation: Increase in final speed not over 200 r.p.m. from rated load speed to no load, with carburetor set for maximum fuel economy.

17. Ignition System: (Give information for all makes or types supplied on stock tractors of this model).

Magneto..... H. T. Yes L. T. -- Make Own Model E4A
 Impulse coupling..... Yes Make Own
 Magneto..... -- H. T. -- L. T. -- Make -- Model --
 Impulse coupling..... -- Make --
 Magneto..... -- H. T. -- L. T. -- Make -- Model --
 Impulse coupling..... -- Make --
 Battery System..... -- Make -- Model --
 Battery System..... -- Make -- Model --
 Battery Make..... -- Type..... -- Volts..... -- Amp. Hours..... --
 Battery Make..... -- Type..... -- Volts..... -- Amp. Hours..... --
 Firing order..... 1,3,4,2 Maximum spark advance..... 35° before top center..... Maximum re-
 tard..... dead center Spark plugs: Make or makes..... Champion or A.C.
 Size and thread..... 7/8"-18 S.A.E. Type..... Porcelain Core
 Location..... in cylinder head Gap..... .020-.025 in.

18. Starting Device:

Electrical..... -- Make..... -- Model..... -- Volts..... --
 Air Pressure: Make..... -- Model..... -- Pressure..... --

19. Carburetion System:

Carburetor (Give information for all carburetors supplied on stock tractors):

Make Zenith Size 1-1/4 Model K-5 Fuels Gasolene and Kerosene
 Make -- Size -- Model -- Fuels --
 Make -- Size -- Model -- Fuels --

20. Exhaust Heat used for:

Air..... -- Fuel..... -- Mixture in carburetor..... -- Mixture in manifold Yes

21. Hot-water Jacket on:

Carburetor..... -- Manifold..... --

22. Enclose Cut or Blue Print (Size 8½"x11" or 11"x17") and explanation showing shape and dimensions of intake manifold and application of exhaust heat to air, fuel, or mixture if so used. See Page 4-A.

23. Is Water Injected With Fuel? No Describe control valve..... --

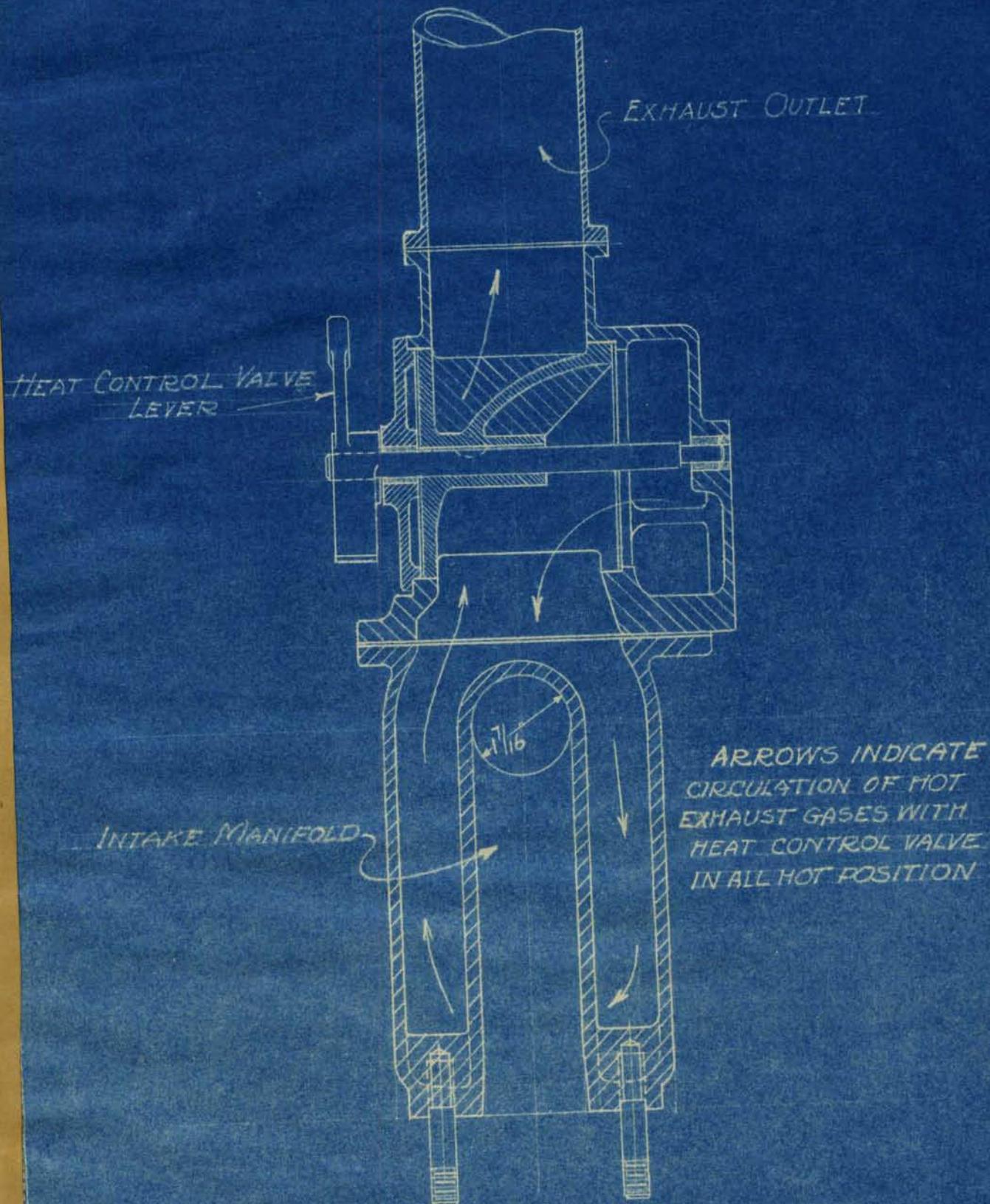


EXHIBIT - "A" PAGE 4A

SPECIFICATIONS OF McCormick-Deering Farmall "F-20" TRACTOR
(Name) (Model)

24. Fuel Tanks:

Number Two Capacity of each in gals. Gasolene 7/8
Kerosene 13 Location Above
center of tractor, back of engine.

25. Air Cleaner:

Make Own Size #60 (Mark x) (a) Dry centrifugal -- (b) Strained
thru cloth or screen -- (c) Water -- (d) Oil (specify kind) X - Oil washed,
wire filter.
(e) Other type (describe) --

26. Cooling System:

Cooling fluid Water If oil, give specification of oil --
Capacity of system 7-1/4 gals.
Radiator: Make Modine Type Flat Tube Important dimensions of core:-
20.4 high; 19-3/8 wide; 3-1/8 deep; 122 copper fins; 129 brass tubes.
Circulation of cooling fluid: Thermosyphon Yes Pump -- Type of pump --
Pump delivery gal. per min. at rated speed of engine --

27. Air Circulation:

By exhaust nozzle -- By fan Yes Fan diameter 18 in. Number of blades 4
Speed at rated speed of engine 1725 r.p.m. Type drive Flat Rubber Cord Belt

28. Belt Pulley:

Diameter 14 in. Face 6-1/2 in. Material Grey Iron Is face of pulley lagged? No
If so, with what material? -- Speed (at rated speed of engine) 653.87 r.p.m.
If gear drive, give gear ratio crank shaft to pulley shaft 1.8352:1 Belt pulley shaft bearings: (De-
scribe each bearing.) See Page 7-A

Type	Make	Size	Material
<u>See Exhibit "A", Page 6-B; Exhibit "D", Articles 1 and 2.</u>			

CHASSIS

29. Clutches:

For transmission: Type Single Plate-Dry Disc Make Own Size 11"
On differential (if used) type -- Make -- Size --
For belt pulley (if separate clutch):
Type -- Make -- Size --

30. Brakes: (Describe each brake.)

(a) Type Internal expanding in countershaft brake drum.
(Contracting band or shoe)
When gears are in neutral, does brake control belt pulley or traction wheel? Traction Wheels.

SPECIFICATIONS OF McCormick-Deering Farmall "F-20" TRACTOR
(Name) (Model)

By which lever or pedal is brake operated? Hand brake lever on left side.

(b) Type -- -- When gears are in neutral does brake control belt pulley
(Contracting band or shoe) or traction wheels? -- --

(c) Differential brake (if used). Type Internal expanding in countershaft brake drum
How controlled? Steering Wheel Can both differential brakes be set at once? No

31. Transmission:

Manufacturer International Harvester Type Selective, Sliding Gear
Company

Enclosed to what extent Entirely

Reduction (pairs of gears) engine to drive wheels or tracks.

See Page 7-A

Speed	Type of gear with number of teeth and in their pairs of contact, from engine, to drive wheel or track						Gear ratio from engine to drive wheels or tracks
Type	Spur	Spur	Bevel	Spur			
1st low	18 with 34	-- with --	13 with 63	12 with 80	-- with --	--	61.026:1
2nd low	20 " 32	-- " --	13 " 63	12 " 80	-- " --	--	51.692:1
3rd low	22 " 30	-- " --	13 " 63	12 " 80	-- " --	--	44.056:1
4th low	24 " 28	-- " --	13 " 63	12 " 80	-- " --	--	37.692:1
Reverse	20 " 20	22 " 34	13 " 63	12 " 80	-- " --	--	49.930:1

Give following information for each gear wheel:

* Location	Type Gear	Pitch Diameter	No. of Teeth	Face Inches	Finish	Material	Heat Treatment
See Exhibit "D", Articles 1,2,3,4,	For type of gear, pitch diameter, etc. see Exhibit "A", Page 6-A						See Exhibit "B", Articles 6 to 22

Shaft bearings: (Give information for each bearing used in transmission and rear axle.)

* Location	Type	Make	Size	Material
See Exhibit "D", Articles 1,2,3,4,	See Exhibit "A", Page 6-B.			

* Location may be given by reference to cut or blue print attached hereto if desired.

GEAR INFORMATION

PART NUMBER	LOCATION EXHIBIT "D"	TYPE OF GEAR	PITCH DIA. INCHES	NO. OF TEETH	FACE INCHES	FINISH	MATERIAL EXHIBIT "C"	HEAT TREATMENT EXH. "B"
<u>TRANSMISSION, BELT PULLEY, POWER TAKE-OFF</u>								
15041-D	Art.1	Bevel	3.400	17	.875	Semi	MD-3115	Art.6
20696-D	Art.2	Bevel	2.600	13	1.000	A.O.	MD-3115	Art.7
20697-D	Art.2	Spur	5.333	32	.875	Semi	MD-3115	Art.8
		Spur	5.000	30	.875	Semi	MD-3115	Art.8
20698-D	Art.2	Spur	3.000	18	.875	Semi	MD-3115	Art.9
20699-D	Art.2	Spur	3.333	20	.875	Semi	MD-3115	Art.10
20700-D	Art.2	Spur	3.666	22	.875	Semi	MD-3115	Art.11
20701-D	Art.2	Spur	4.000	24	.875	Semi	MD-3115	Art.12
20702-D	Art.2	Spur	4.666	28	.8125	Semi	MD-3115	Art.13
20703-D	Art.2	Spur	5.666	34	.9375	Semi	MD-3115	Art.14
20704-D	Art.2	Spur	3.333	20	.875	A.O.	MD-3115	Art.15
		Spur	3.666	22	.875	A.O.	MD-3115	Art.15
20714-D	Art.2	Bevel	4.400	22	.875	Semi	MD-3115	Art.16
20715-D	Art.2	Bevel	9.500	57	.8125	Semi	MD-3115	Art.17

DIFFERENTIAL

15103-DA	Art.3	Bevel	12.600	63	1.000	Semi	MD-3115	Art.18
15291-DA	Art.3	Bevel	4.800	24	1.156	A.O.	MD-3115	Art.19
15350-D	Art.3	Bevel	2.600	13	1.000	A.O.	MD-3115	Art.20

COUNTERSHAFT AND REAR AXLE

23306-D	Art.4	Spur	3.000	12	1.375	A.O.	MD-3115	Art.21
26422-D	Art.4	Spur	20.000	80	1.250	Semi	MD-3147	Art.22

BALL BEARINGS

PART NUMBER	LOCATION EXH. "D"	TYPE	MAKE	SIZE INCHES	MATERIAL
10691-V	Art.1, 2	Ball- Single Row	New Departure	B- 1.3779 D- 3.1496 W- .8267	ND-1307
12798-H	Art. 4	Ball- Single Row	New Departure	B- 1.3779 D- 3.9370 W- .9842	ND-1407
13200-DA	--	Tapered Roller	Own	B- 1.3750 D- 3.1562 W- 1.1562	Molybden- um Steel
13206-DA	--	Tapered Roller	Own	B- 1.6250 D- 3.7500 W- 1.0937	Molyb- denum Steel
14225-H	Art.1,2	Ball- Single Row	New Departure	B- 1.7717 D- 3.9370 W- .9843	ND-1309
15025-D	Art.4	Straight Roller	Own	B- 2.9730 D- 4.7040 W- 1.8120	Molyb- denum Steel
15195-D	Art.3	Ball- Double Row	New Departure	B- 2.5590 D- 4.7244 W- 1.3750	ND-5103
15196-D	Art.4	Ball- Double Row	New Departure	B- 2.7559 D- 4.9212 W- 1.4375	ND-5104
18575-H	Art.1,2	Ball- Single Row	New Departure	B- 1.5748 D- 3.1496 W- .7087	ND-1208

(B = Bore; D = Outside Diameter; W = Width.)

SPECIFICATIONS OF McCormick-Deering Farmall
(Name)"F-20"
(Model)

TRACTOR

32. Differential:

Make Own Type Four Pinion, Two Piece Case
 Open or enclosed Enclosed Can it be locked? No
 If chain drive is used, give make and description of chain -- --
-- -- -- --

33. Rate of Travel at Rated Engine Speed:

Also mark by (x) speed normally used for plowing.

Speed	Calculated Speed in Miles per Hour (No slippage allowance)	Advertised Miles per Hour on Rated Load
1st (Low) .	<u>2.34</u>	<u>2-1/4</u>
2nd <u>X</u>	<u>2.76</u>	<u>2-3/4</u>
3rd <u>X</u>	<u>3.24</u>	<u>3-1/4</u>
4th	<u>3.78</u>	<u>3-3/4</u>
Reverse	<u>2.86</u>	<u>2-3/4</u>

34. Drive Wheels:

Number Two Cast solid No Section of spoke .5254 sq. in. Shape of
1-1/2 x 3/8 Flat-
 Spoke section Round Edge Spokes cast in or built up Built up Diameter 40
in. Face 6 in. Extension rims width 6 in. Lugs: Give descrip-
 tions and dimensions of each type of lug furnished on stock tractors in Nebraska 3-1/2 x 2-1/2 x 5/16
Removable Angle Lugs 15-1/2 long (see Page 8-A for other types of lugs)

How is power transmitted to the rim? Thru rear axle, hub and spokes
 Drive wheel axle: Live Yes Stationary -- Diameter 2-5/8
 Material: Exhibit "C", MD-3140, Exhibit "B", Article 5

35. If Track-laying Type:

No of tracks -- No. shoes per track -- Length of track bearing on ground --
-- in. Width of each track -- in. Length of each track shoe c. to c. of pins -- in.

36. Non-driving Wheels:

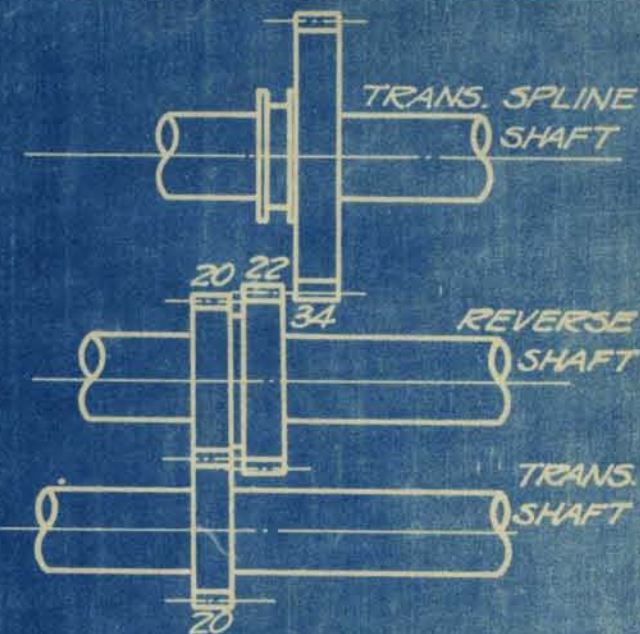
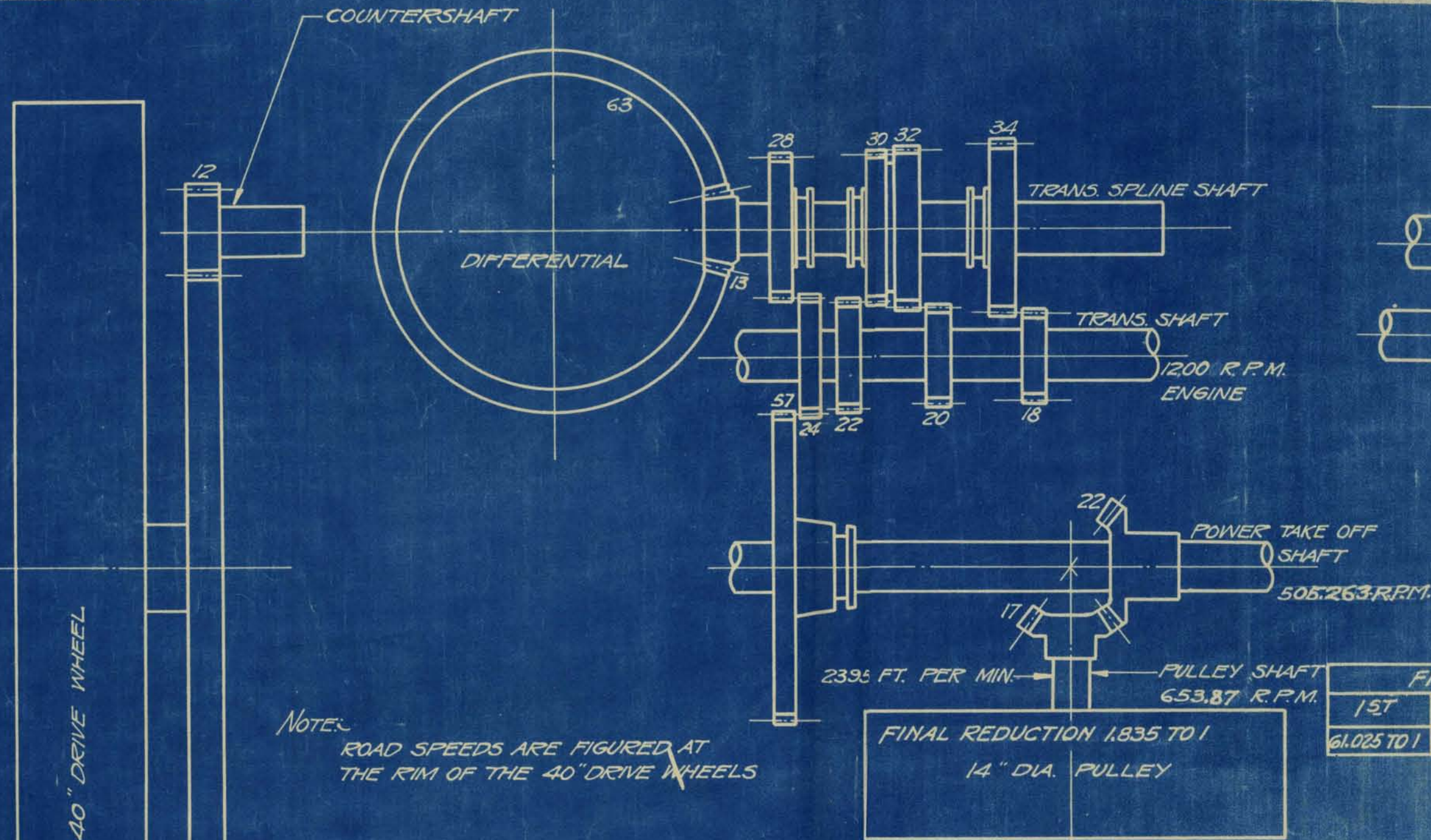
No Two Cast solid No Section of spoke .72734 sq. in.
1-3/4 x 7/16 Flat-
 Shape of spoke section Round Edge Spokes cast in or built up Built up Diameter 25 in.
 Face 4 in. Bearings of non-drive wheels (describe each bearing).

Location	Type	Make	Size	Material
Hub-Inner <u>13206-DA</u>	<u>Tapered Roller</u>	<u>See Exhibit "A", Page 6-B.</u>		
Hub-Outer <u>13200-DA</u>				

LL01-9Z

Exhibit 'A', Page 7a

ALL FINISHED FRACTIONAL DIMENSIONS HAVE AN ALLOWANCE OF $\pm .005$ " (DRILL AND COMMERCIAL STOCK SIZES EXCEPTED) THREADS TO FIT GAUGE WITHOUT PERCEPTIBLE SHAKE.



NOTE:
ROAD SPEEDS ARE FIGURED AT
THE RIM OF THE 40" DRIVE WHEELS

2396 FT. PER MIN.

POWER TAKE OFF
SHAFT

505.263 R.P.M.

PULLEY SHAFT
653.87 R.P.M.

FINAL REDUCTION 1.835 TO 1
14" DIA. PULLEY

FINAL REDUCTIONS

1ST	2ND	3RD	4TH	REV.
61.025 TO 1	51.692 TO 1	44.056 TO 1	37.692 TO 1	49.930 TO 1

	1ST	2ND	3RD	4TH	REVERSE	
TRACTOR SPEED	2.34	2.762	3.241	3.788	2.86	M.P.H.
TRANS. SPLINE SHAFT	635.290	750.000	880.000	1028.571	776.470	R.P.M.
COUNTERSHAFT	131.092	154.761	181.587	212.244	160.224	R.P.M.
REAR WHEEL	19.663	23.214	27.234	31.836	24.031	R.P.M.

DATE	LET.	BY	DATE	REVISIONS

INTERNATIONAL HARVESTER COMPANY
TRACTOR... WORKS
G.P.E. DEPARTMENT

NAME **SPEED CHART**
F-20

DRAWN D.H.L.	DATE JUL 30 '31	MATERIAL & ANALYSIS	NO. REQ'D
CHECKED J.E.A.	DATE OCT 11 '31	SCALE 1/2"	PART NUMBER 26-1077

SPECIFICATIONS OF McCormick-Deering Farmall
(Name)"F-20"
(Model)

TRACTOR

37. Steering Arrangement:

Knuckle type -- Swinging axle Yes Other type (describe) Enclosed spur and bevel sector, gear and pinions.

38. Static Weight on each wheel or track. (Tanks and radiator full, wheel lugs attached.)

Wheel	Weight, Lbs.
Front	1380
Left Rear	1375
Right Rear	1375

Total weight (as above) 4130 lbs.

39. Frame:

Cast -- Material --Built up Yes Material Exhibit "C", MD-1035Hot riveted -- Cold riveted -- Bolted YesDescription Two pieces 2" x 4" Special Rectangular Section

Frame mounting (mark x):

To drive wheels. Spring -- Rigid XTo non-drive wheels. Spring -- Rigid X40. Drawbar: Dimensions from ground line are based on flat section of tire with full lug penetration.Height 15-1/2 in. Vertical adjustment (give limits) 9 to 15-1/2 in.Lateral adjustment 46 in.Swiveled No Point of swivel how far forward or back of rear axle -- in.

41. General Dimensions:

Wheel base c. to c. front and rear wheels 85 in. Tread c. to c.: front wheels 8-1/2 in.rear wheels 74-1/2 in. Width over all 86 in. Length over all 140-1/2 in.Height over all 70 in. Diameter of circle wholly within which tractor may be turned 16 feet

42. The Following Items of Equipment Included in the Above Specifications Are Supplied at an Extra Charge:

6" Rear Wheel Extension TiresFor extra charge items not included in above specification see Exhibit "A", Page 8-A.

The following items of equipment are supplied at an extra charge:

- Open Rear Wheels
- Offset Open Rear Wheels
- 42 x 12 Rear Wheels
- Single Rim Wheels
- Golf Course Wheels
- Low Pressure Pneumatic Tire Attachment
- Wide Tread Front Axle
- Power Lift Attachments
- Electric Lighting Attachment
- 4" and 5" Spade Lug Attachments
- 3" and 4" Angle Lug Attachments
- Fender Attachments
- Bosch Magneto Attachment
- Muffler and Spark Arrester Attachments
- 8" Adjustable Overtire with 5" Riveted Spade Lugs
- 11" Wide Overtire with 5" Riveted Spade Lugs