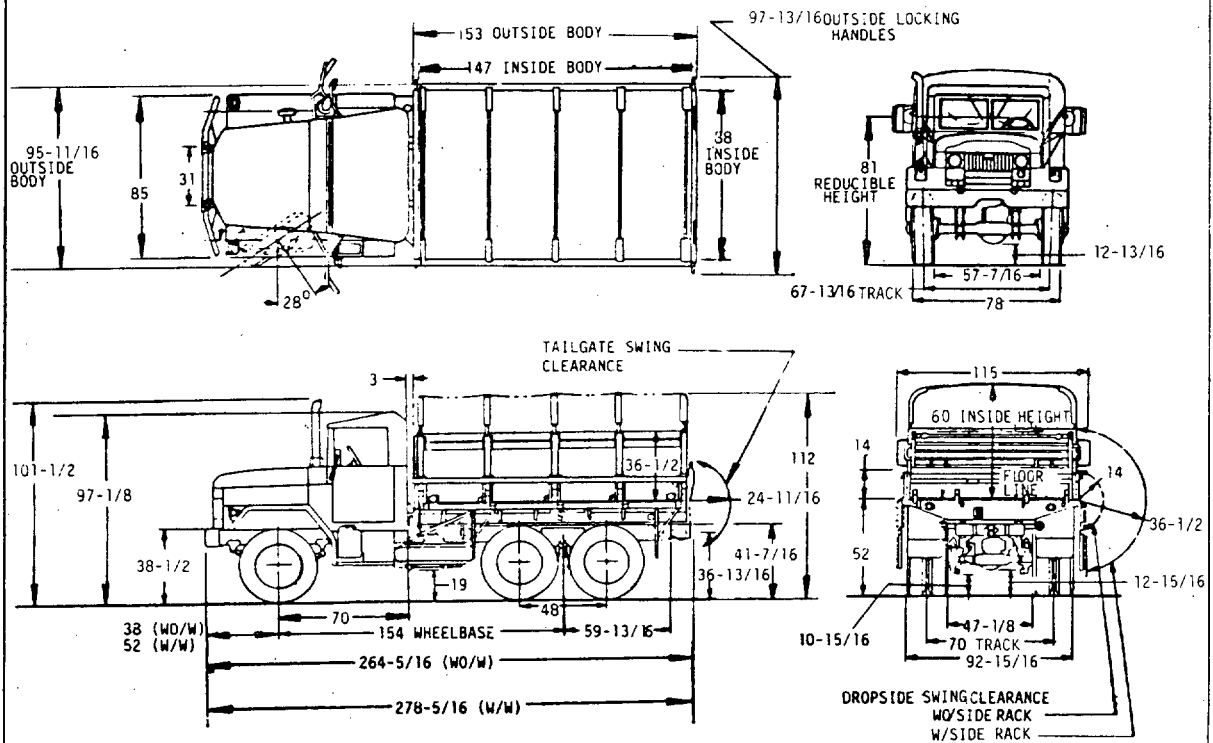


FED. SUP CLASS
2320

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MS PART NO.	ENGINEERING	
	DRAWING NO	
MS 52107-1	8736735	W/WINCH
MS 52107-2	8736733	WO/WINCH

P.A. ARMY-AT

Other Cust

TITLE TRUCK, CARGO; DROPSIDE, 2-1/2 TON,
6X6, 154 INCH WHEELBASE,
MILITARY DESIGN, M35A2C

MILITARY STANDARD

MS52107(AT)

PROCUREMENT SPECIFICATION
MIL-T-46780

SUPERSEDES:

SHEET 1 OF 2

DD FORM 672-1 LIMITED COORDINATION
1 SEP 57

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

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DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

APPROVED 28 AUGUST 1969 REVISED © 10 APR 85

VEHICLE CHARACTERISTICS

FED. SUP CLASS
2320

WEIGHTS: WITHOUT CREW.
WO/W LOADED W/W LOADED
EMPTY EMPTY

PAYLOAD 8000 8000
FRONT AXLE 6210 6865
BOGIE 5320 5185
TOTAL, LBS 11530 12050
MAX. TOWED LOAD,
LBS 6000 6000

CHASSIS: M45A2
WITH WINCH 8736575
WITHOUT WINCH 8736574

CARGO BODY: COMPLETE 10937903
CARGO BODY INST'N 10937455

GENERAL:
THIS IS USED TO TRANSPORT GENERAL CARGO AND PERSONNEL. THE CAB IS CANVAS-COVERED OPENTYPE. THE BODY IS 12.66 (147 X 88 IN. INSIDE) FLAT-TYPE, STEEL CONSTRUCTION. SIDES AND TARPULIN FRAMES ARE REMOVEABLE. 14 IN. SIDES, 19-3/8 IN. TAILGATE, 61 IN. FROM FLOOR TO UNDERSIDE OF BOWS, COMPLETE WITH SIDE RACKS, TARPS AND SEATS DROP-SIDES, REMOVABLE SIDE RACKS, TROOP SEATS, TARP BOWS, TARP END FLAPS, AND MARINE CORPS VEHICLE LIFTING FIXTURES ARE PROVIDED.

POWER PLANT: INST'N WO/W 11609245-4
W/W 11609245-5
INCLUDING RADIATOR AND TRANSMISSION
ENGINE, COMPLETE LDT-465-1C 11642105
ENGINE, BASIC, MULTIFUEL 11641990
SIX CYLINDERS, IN-LINE, DISPLACEMENT-
478 CU. IN.

BORE - 4.56, STROKE - 4.88
COMPRESSION RATIO - 22:1, GOV. SPEED -
2600 RPM
MAXIMUM BHP - 130 NET 118 @ 2600 RPM
PROPELLER SHAFT INST'N 10871516

TRANSMISSION: ASSY: W/W 10872194
WO/W 10872096

TYPE, SYNCHROMESH
FORWARD SPEEDS, FIVE REVERSE, ONE
GEAR RATIOS:
FORWARD- 5.02:1, 2.78:1, 1.62:1, 1.00:1,
0.79:1

REVERSE - 4.90:1
TRANSFER AND CONTROLS INST'N 10937636
TRANSFER TRANSMISSION 11609224
RATIOS: HIGH - 1.00:1, LOW - 1.98:1

FRONT SUSPENSION: INST'N 10872040
FRONT AXLE 7521734-1
FRONT SPRINGS 11601335
SHOCK ABSORBERS 7539007

REAR SUSPENSION: INST'N 8757725
REAR AXLE 8757644
REAR SPRINGS 7521792
TORQUE ROD ASSEMBLY 8757685

FRAME: COMPLETE 11609279
SIDE RAIL, 8 X 3 X 5/16
SECTION MODULUS, 8.9 CUBIC IN

NOTES:

1. DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING REFERENCE ONLY.
2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID
3. THIS VEHICLE SHALL BE IN ACCORDANCE WITH REFERENCED ENGINEERING DRAWINGS, COPIES OF WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 48090.
4. SUBJECT OF NATO STANAG 2805-A(EDITION 3). DO NOT REVISE OR CHANGE.

ELECTRICAL SYSTEM:
CHASSIS INST'N 10896818
TRUCK INST'N 10896899
FLASHER, SOLID STATE 11613631
FLASHER, SOLID STATE 11613632
DRIVING LAMP ASSY. 8741462
DRIVING LAMP ASSY, B.O. 11668932
FRONT COMPOSITE LIGHT 11614156
REAR COMPOSITE LIGHT 11614157
ALTERNATOR ASSY. 11641980
ALTERNATOR 10929868
BRACKET, ALTERNATOR 10889930
STARTER 10911018
BATTERIES MS35000-4

AIR SYSTEM: INST'N 11647737

WHEELS: 7389620
SIZE, 20 X 7-1/2 OFFSET 6-1/4
RING, WHEEL MS33045-3 7389061
TIRES, NDCC MS35388-16
TUBES MS35392-13

CAB: ASSY REF 8757744
INST'N 10896757

HOOD AND FENDER
INST'N WO/W 11609236-2
W/W 11609237-2

RUNNING BOARD, BATT. BOX
INST'N 10871540

RUNNING BOARD, TOOL BOX
INST'N 10371541

MIRROR AND BRACKET ASSY 10937793
INSTRUMENT PANEL INST'N 10937450

TACHOMETER INST'N 10896303
SPEEDOMETER INST'N 10937442

STEERING INST'N 10897162
EXHAUST SYSTEM INST'N 11677097

FUEL SYSTEM INJECTION PUMP 10935264-2
CLUTCH 7748995
CLUTCH PEDAL INST'N 8757745

BRAKES: SERV. HYDRAULIC
INST'N 10937705-1

HUB AND DRUM ASSEMBLIES, 15 X 3
FRONT - L.H. 7529053 R.H. 7529054
REAR - L.H. 8757681 R.H. 8757682

HAND BRAKE INST'N 11609817
DRUM SIZE, 14 X 3

COMPRESSOR, AIR, ASSY. 10935609
MASTER CYLINDER, CONTROL

INST'N 10871533-1

FUEL SYSTEM: INST'N 10897080
CAPACITY, 50 GALLONS

PERFORMANCE: LOADED, W/O TOWED LOAD.
CRUISING RANGE, HIGHWAY 300 MILES
MAXIMUM SPEED, HIGHWAY 56 MPH

FORDING KIT: 11609777
FORDING DEPTH, WO/KIT 30 IN
FORDING DEPTH, W/KIT 72 IN

MISCELLANEOUS EQUIPMENT:
TIE DOWNS, SEVEN EACH SIDE; TWO FRONT,
TWO REAR
CLOSURE, HARDTOP 7354276
SHACKLES, REAR 7539662
WINCH INST'N 10872197
PINTLE 7722050-1

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MS 52107-1	8736735	W/WINCH
MS 52107-2	8736733	WO/WINCH

P.A. ARMY-AT	TITLE	MILITARY STANDARD	
Other Cust	TRUCK, CARGO; DROPSIDE, 2-1/2 TON, 6X6, 154 INCH WHEELBASE, MILITARY DESIGN, M35 A2C	MS52107(AT)	
PROCUREMENT SPECIFICATION MIL-T-46780	SUPERSEDES:	SHEET	2 OF 2

DD FORM 1 SEP 57 672-1 LIMITED COORDINATION

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