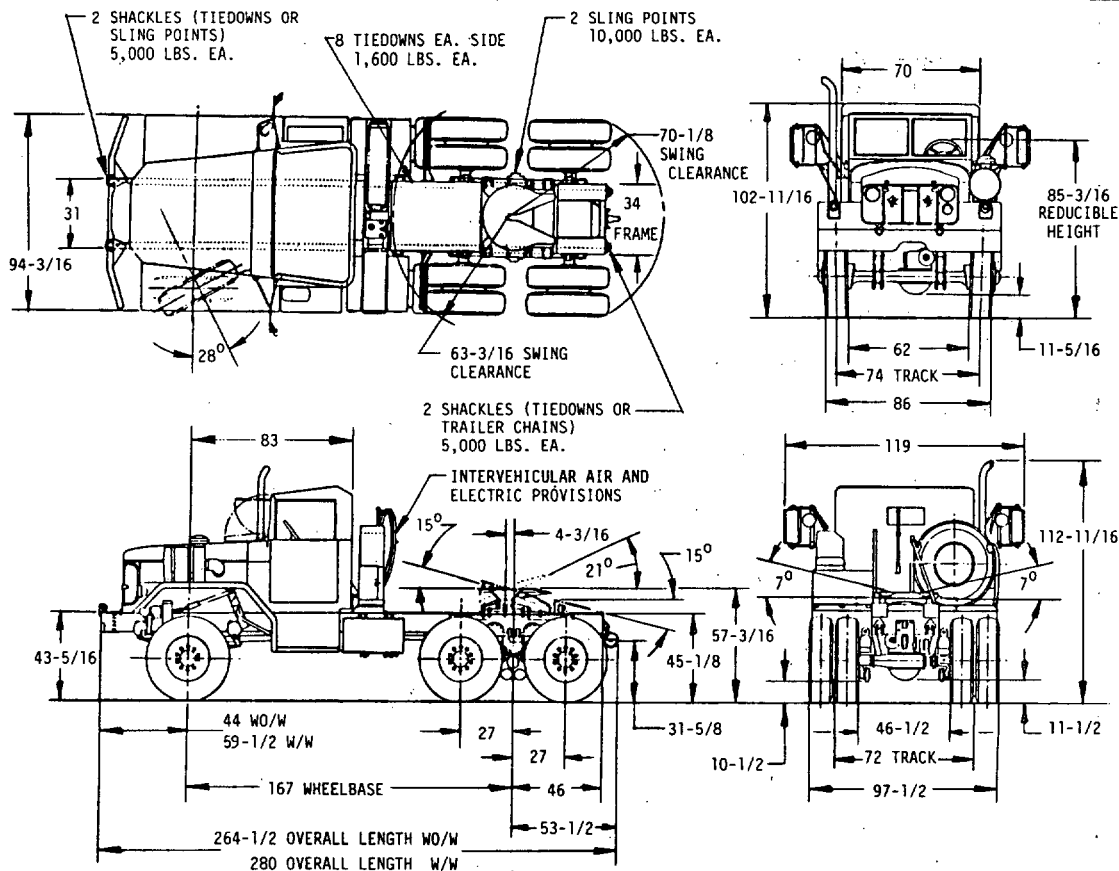


FED. SUP CLASS
2320

VEHICLE CHARACTERISTICS

BRIDGE CLASSIFICATION: (SHORT TONS)

	W/O/W	W/W
EMPTY	10	9
WITH PAYLOAD	18	17

CURB WEIGHT: FULLY EQUIPPED

LESS PAYLOAD & CREW		
FRONT	9,470 LBS	10,260 LBS
REAR BOGIE	10,030 LBS	9,905 LBS
TOTAL	19,500 LBS	20,165 LBS

TRAILER LOAD: ON FIFTH WHEEL

15,000 LBS	15,000 LBS
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SEMI-TRAILER WEIGHT: (W/PAYLOAD)

37,500 LBS	37,500 LBS
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GROSS COMBINATION WEIGHT: FULLY EQUIPPED WITH PAYLOAD, LESS CREW

FRONT	9,845 LBS	10,635 LBS
REAR BOGIE	24,655 LBS	24,530 LBS
TRAILER BOGIE	22,500 LBS	22,500 LBS
TOTAL	57,000 LBS	57,665 LBS
(ADD 400 LBS FOR 2 MAN CREW W/EQUIPMENT)		

TOWED LOAD ALLOWANCE: (PINTLE)

15,000 LBS	15,000 LBS
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FUEL SYSTEM: FUEL TANK CAPACITY - 2 TANKS @ 55 GALS EA; FUEL PUMP, IN TANK; FUEL INJECTION.

CLUTCH: TYPE SINGLE DRY DISC DIA 15

EFFECTIVE AREA 70.2 SQ IN

PRESSURE PLATE	8735507
DRIVEN MEMBER	11664387

TRANSMISSION: MANUAL 8333627-1

NO OF SPEEDS - 5 FWD, 1 REV; RATIOS;
1ST - 6.07:1; 2ND - 3.40; 3RD - 1.79;
4TH - 1.00; 5TH - .78; REV. - 6.09
PTO OPENINGS 2 SAE 6 BOLT, EACH SIDE
OF TRANSMISSION. LUBRICANT CAPACITY;
W/PTO 11 QTS; W/O PTO 9 QTS.

TRANSFER CASE: W/O PTO 7748580

NO OF SPEEDS 2 FRONT; HIGH - 1.07:1
LOW - 2.16:1; REAR; HIGH - 1.00:1;
LOW - 2.02:1 CONTROL OF FRONT AXLE
DRIVE, AUTOMATIC OVERRUNNING, LUB-
RICANT CAPACITY 7 QTS ONE PTO OPENING.

PINTLE:

MS51117-1

MAX. VERTICAL LOAD (STATIC) 1,500 LBS

MS PART NO.	ENGINEERING DRAWING	DESCRIPTION
MS52190-1	8736862	WITH WINCH
MS52190-2	8736863	LESS WINCH

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P. A.: ARMY-AT Other Cust	INTERNATIONAL INTEREST	TITLE TRUCK: TRACTOR, 5-TON, 6x6, M818	MILITARY STANDARD MS52190(AT)
PROCUREMENT SPECIFICATION MIL-T-740	SUPERSEDES:	SHEET 1 OF 2	

FED. SUP CLASS
2320

VEHICLE CHARACTERISTICS CONTINUED

SHIPPING DIMENSIONS:

CUBIC FEET	1,272	1,346
SQUARE FEET	179	190

HEIGHT: WITH RING MOUNT (MACHINE GUN)

WO/W	W/W
121-5/16	121-5/16

ANGLE OF APPROACH: (LOADED)

44°	33°
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ANGLE OF DEPARTURE: (LOADED)

62°	62°
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ANGLE OF BREAKOVER: (LOADED)

38°	38°
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MINIMUM TURNING RADIUS: (WALL TO WALL)

470-7/16	488-7/16
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FORDING DEPTH: WITH KIT 78 LESS KIT 30

CENTER OF GRAVITY: (AT CURB WEIGHT)

ABOVE GROUND	38	38-1/2
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REAR OF CENTERLINE OF FRONT AXLE	86-3/16	82-11/16
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CENTER OF GRAVITY: (WITH PAYLOAD)

ABOVE GROUND	N/A	N/A
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REAR OF CENTERLINE OF FRONT AXLE	119-3/16	116-7/16
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ENGINE:

6 CYL IN-LINE	11664325-1
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COMPRESSION IGNITION FUEL INJECTION	
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DISPLACEMENT 855 CU IN	
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BORE AND STROKE 5.5 X 6	
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COMPRESSION RATIO 15.8:1 FUEL DIESEL	
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OCTANE/CETANE #40	
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HORSEPOWER; GROSS 240 @	2100 RPM
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NET 210 @	2100 RPM
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TORQUE GROSS; 658 LB FT @	1500 RPM
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NET 600 LB FT @	1500 RPM
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CRANK CASE CAPACITY; W/O FILTER	24 QTS
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W/FILTER	28 QTS
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GOVERNOR; TYPE AUTOMATIC	
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COOLING SYSTEM CAPACITY;	37-1/2 QTS
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PUMP TYPE DRIVE 2 V BELTS	
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GOVERNED SPEED; 2100 RPM AT FULL LOAD	
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CAB: TYPE STD CANVAS; ARCTIC HARDTOP

KIT; CAPACITY 2.	
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WINCH: CAPACITY 9,500	7412382
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WIRE ROPE CABLE 0.6 IN DIA CABLE LENGTH	
300 FT	

STEERING: TYPE HYD W/POWER	1164535
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ASSIST; RATIO 23.4:1	
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TIEDOWNS: 16 W/W, 8 EACH SIDE	10883223
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14 WO/W 7 EACH SIDE	
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2 FRONT LIFTING SHACKLES	12301040
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2 REAR SHACKLES	7409523
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ASSESSORY/SUPPLEMENTAL KITS:	12300925
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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 WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 48090.

BRAKES: PARKING TYPE INTERNAL/EXTERNAL

DRUM SIZE 14 DIA X 3 WIDE	
EFFECTIVE AREA	68 SQ IN

AXLES: FRONT;	11664723
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REAR	8758346
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QTY 2, TYPE SINGLE SPEED, DOUBLE REDUC-	
TION RATIO 6.443:1, LUBRICANT CAPACITY;	
12 QTS EACH	

FRAME:	11664502
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TYPE RAIL CHANNEL SIDE RAIL DIMENSIONS	
9 X 3 X 5/16 SECTION MODULUS 10.71 IN ³	
NO. OF CROSSMEMBERS 6	

FRONT SPRINGS:	7411110
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3 WIDE X 50 LONG; NO OF LEAVES 12; RATE	
2,271 LB/IN; TYPE SEMI-ELLIPTICAL;	
SHOCK ABSORBERS DIRECT ACTING, QTY 2.	

REAR SPRINGS:	7409613
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SIZE 4 WIDE X 59-1/4 LONG NO. OF LEAVES	
13, RATE 5,983 LB/IN; TYPE SEMI-ELLIP-	
TICAL INVERTED, QTY 2.	

TIRES W/FLAP AND TUBE:	MIL-T-12459
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SIZE 11.00 X 20 LOAD RATING F	
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TREAD DESIGN NDCC NO. OF SPARES 1	
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TUBE	ZZ-1-550
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WHEELS: TYPE STEEL DISC,	7388820
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SIZE 20 DIA X 7-1/2 WIDE RING 7389061	
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FRONT SINGLE, REAR DUAL, OFFSET 6-3/4	
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BRAKES: SERVICE, TYPE AIR ASSISTED	
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HYDRAULIC, INTERNAL EXPANDING DRUM	
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SIZE 16-1/2 X 5-1/2, EFFECTIVE AREA	
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FRONT 339 SQ IN REAR 678 SQ IN	
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SEMI-TRAILER AIR LINES QTY 2	7954876
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COUPLERS QTY 2	MS35746-1
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ELECTRICAL SYSTEM: WATERPROOFED, RADIO	
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SUPPRESSED PER MIL-STD-461.	
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POTENTIAL 24 V STARTING MTR	11664475
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ALTERNATOR	10929868
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RATING 60 AMP; DRIVE 2 V BELTS	
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BATTERIES; QTY 4 TYPE 12V 6TN MS35000-3	
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TRAILER COUPLING SOCKET	7363002
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TURN SIGNAL; SOLID STATE FLASHER	
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CONTROL	11613631
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CONTROL	11613632
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LIGHTING; HEADLAMPS	8741462
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B.O. DRIVING LAMP	8747988
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COMPOSITE LAMPS; FRONT	11614156
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REAR	11614157
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SEMI TRAILER CONNECTING HARNESS	
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	7728814
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PERFORMANCE: APPROX. 4 MPG AT GCW MAX	
SPEED 52 MPH; MAXIMUM GRADE 46%; GRADE-	
ABILITY 2.4%; CRUISING RANGE 400 MILES	

FIFTH WHEEL: KING PIN 2 DIA 11669413-1	
APPROACH RAMPS & DECK PLATES.	

ON-VEHICLE EQUIPMENT: (OVE)

BASIC ISSUE ITEMS	12300877
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ADDITIONAL AUTHORIZED LIST ITEMS	
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	12300998
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PROCUREMENT SPECIFICATION MIL-T-740	SUPERSEDES:	SHEET 2 OF 2	

DD FORM 672-1 LIMITED COORDINATION

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APPROVED 14 JUN 85 REVISED