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DISTRIBUTION STATEMENT A.

Technical drawings of a truck chassis showing side, front, and rear views with dimensions.

Side View Dimensions:

- Overall length: 274 W/WINCH
- Wheelbase: 154 WHEELBASE
- Front overhang: 38 WO/WINCH
- Rear overhang: 260 WO/WINCH
- Height to top of body: 103-3/8
- Height to top of cab: 81
- Height to top of chassis: 100
- Height to top of light: 53 LIGHT
- Height to top of chassis at rear: 36 1/8
- Height to top of chassis at front: 40°
- Height to top of chassis at rear: 70°
- Height to top of chassis at front: 48°
- Height to top of chassis at rear: 12-1/2
- Height to top of chassis at rear: 4-5/8
- Height to top of chassis at rear: 16
- Height to top of chassis at rear: 19
- Height to top of chassis at rear: 48
- Height to top of chassis at rear: 52
- Height to top of chassis at rear: 70
- Height to top of chassis at rear: 154
- Height to top of chassis at rear: 260
- Height to top of chassis at rear: 274

Front View Dimensions:

- Width: 67-3/4
- Height: 85

Rear View Dimensions:

- Width: 70
- Height: 96
- Height to top of chassis: 10-15/16
- Height to top of chassis: 12-7/8

Other Labels:

- 130 x 70 INSIDE BODY
- 12-1/2
- 4-5/8
- 53 LIGHT
- 36 1/8
- 16
- 19
- 48
- 52
- 70
- 154
- 260
- 274
- 67-3/4
- 85
- 10-15/16
- 12-7/8
- 70
- 96

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MS PART NO.	ENGINEERING DRAWING NO.	DESCRIPTION
MS500053-1	8736589	WITH WINCH
MS500053-2	8736598	LESS WINCH

P. A. ARMY-AT Other Cust		INTERNATIONAL INTEREST	TITLE TRUCK, DUMP, MULTIFUEL ENGINE, 2-1/2 TON, 6X6, 154 INCH WHEELBASE, MILITARY DESIGN, M342A2	MS500053-2 8736598 LESS WINCH	MILITARY STANDARD MS500053(AT)
PROCUREMENT SPECIFICATION MIL-T-46780		SUPERSEDES:		SHEET 1 OF 2	

APPROVED	9 JUNE 1966	REVISED	③ 6	MAY 85
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FED. SUP CLASS
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VEHICLE CHARACTERISTICS

CHASSIS: M45A2G W/W 8736602	W/W 8736604	FRONT SUSPENSION: INST'N FRONT AXLE FRONT SPRINGS, 2 SHOCK ABSORBERS, 2	10872040 7521734-1 11601335 7539007
CURB WEIGHT: FULLY EQUIPPED LESS PAY- AND CREW.		REAR SUSPENSION: INST'N REAR AXLE, 2 REAR SPRINGS, 2 TORQUE ROD ASSY., 6	8757834 7368511 7368629 8757685
W/W FRONT AXLE 6255 REAR AXLE 9000 TOTAL 15255	W/W 6910 8865 15775	TIE DOWNS: W/WINCH 16 12 U-BOLTS LOCATION: 6, EACH SIDE 2, FRONT SHACKLES 2, REAR SHACKLES	11647735 12301040 7539662
PAYLOAD: LOADED	W/W 5000	MIRROR ASSY.: INST'N WHEELS: TEN, PLUS ONE SPARE SIZE: 7-1/2 X 20 OFFSET 6-3/16	10937793 MS53044-5
GROSS VEHICLE WEIGHT: FULLY EQUIPPED HIGHWAY, PLUS PAYLOAD AND CREW (400 LBS.)		TIRES: TEN PLUS ONE SPARE SIZE: 9.00 X 20, 8 PLY, NDCC	MIL-T-12459
W/W FRONT AXLE 6320 REAR BOGIE 13935 TOTAL 20255	W/W 6975 13800 20775	TUBES: GRP 2 9.00 X 20 CARRIER, SPARE TIRE: INST'N CAB ASSEMBLY: SOFT TOP INST'N DUMP BODY: INST'N PUMP DRIVE AND CAB CONTROLS: DUMP BODY BODY ASSEMBLY: INST'N COMPL. DUMP, 2-1/2 CUBIC YD. CAPACITY PROTECTOR ASSEMBLY: DUMP BODY CAB GENERAL: HOOD & FENDER STEERING: RUNNING BOARD AND BATTERY BOX: INST'N RUNNING BOARD AND TOOL BOX: INST'N INSTRUMENT PANEL: INST'N TACHOMETER: INST'N SPEEDOMETER: INST'N THROTTLE LINKAGE: INST'N AIR CLEANER: INST'N PROPELLER SHAFT: INST'N	22-1-550 8345256 10896757 1Q871051-1 10871713 10871710 10871711 11609237-2 10897162 10871540 10871541 10937458 10896303 10937442 10896671-1 10896886-1 10871516
TOWED LOAD MAXIMUM: LOADED		W/KIT 72 IN. W/KIT 30 IN.	10872197 7538687
(REFERENCED WEIGHTS ARE FOR INFORMAT- ION ONLY.)		PINTLE: ASSY.	11609483
FORDING DEPTH:		PERFORMANCE: LOADED CRUISING RANGE: HIGHWAY MAXIMUM SPEED: HIGHWAY	275 MILES 56 MPH
ENGINE: COMPLETE MODEL: LD 465-1, MULTIFUEL NO. OF CYLINDERS: SIX IN LINE	11642105	MISCELLANEOUS EQUIPMENT: TROOP SEAT AND COVER KIT FORDING KIT CLOSURE, HARDTOP	5703488 10937874-3 7085350
FAN: ENGINE COOLING	11641747		
FUEL SYSTEM: INST'N	10897080		
EXHAUST SYSTEM: INST'N	11677097		
CLUTCH: INST'N	8757745		
TRANSMISSION ASSY.: TYPE: SYNCHROMESH FORWARD SPEEDS: 5; REVERSE: 1	10896440		
TRANSFER TRANSMISSION: INST'N ASSY GEAR RATIO: HIGH 1:1 LOW 1.98:1	10937636-1 11609224		
FRAME ASSY, CHASSIS:	11609275		
HOIST AND SUBFRAME ASSY.: DUMP BODY INST'N	10871712-1		
ELECTRICAL SYSTEM: INST'N POTENTIAL: 24 VOLTS BATTERIES: 2, 12 VOLT, 6TN	10897073 MS35000-4		
REFLECTORS: 4, RED 4, AMBER	MS35387-1 MS35387-2		
BRAKE: SERVICE ACTUATION: AIR/HYDRAULIC			
PARKING BRAKE CONTROL: INST'N	11609817		

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.

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PROCUREMENT SPECIFICATION MIL-T-46780	SUPERSEDES:	SHEET 2 OF 2	

DD FORM 672-1 LIMITED COORDINATION
MAY 73

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

APPROVED 9 JUNE 1966 REVISED 6 MAY 85

USER ACTIVITIES

REVIEWER ACTIVITIES

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