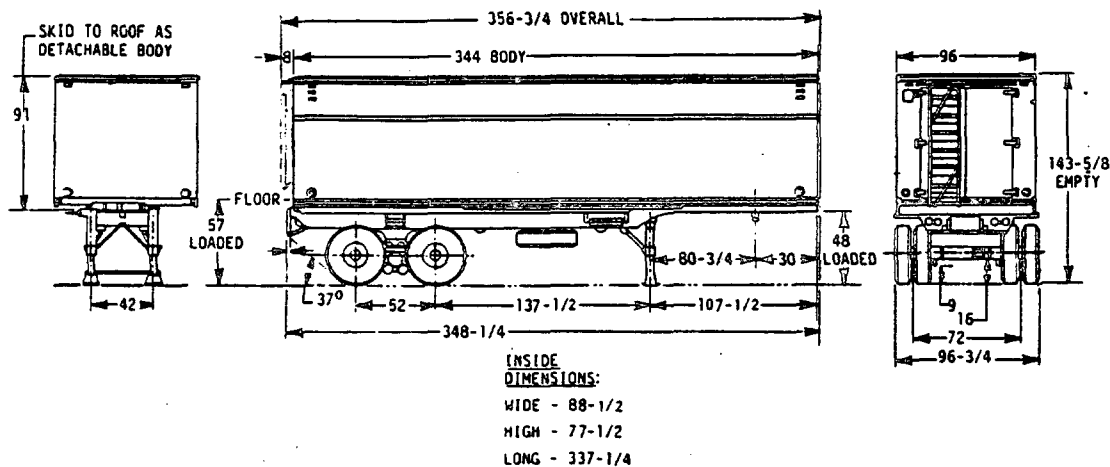


FED. SUP CLASS  
2330

## VEHICLE CHARACTERISTICS

PRIME MOVER: TRUCK TRACTOR, 5 TON, 6x6,  
MS2

(REFERENCE WEIGHTS FOR INFORMATION ONLY)

CURB WEIGHT: 15220 LBS.

WEIGHT DISTRIBUTION:  
KING PIN 4620 LBS.  
AXLE 10600 LBS.

PAYLOAD: LOADED 24000 LBS.

MAXIMUM WEIGHT: INCLUDING BODY AND PAY-  
LOAD WITH PAYLOAD EVENLY DISTRIBUTEDKING PIN 14650 LBS.  
AXLE 24570 LBS.  
TOTAL 39220 LBS.

BODY AND CHASSIS ASSEMBLY: 8722259-1

THE BODY FRAME IS CONSTRUCTED OF 16 GAGE, 1-1/2 INCH SQUARE STEEL TUBING. FRONT, REAR, AND SIDE FRAMES ARE COVERED WITH RIVETED 22 GAGE CORROSION RESISTANT STEEL SHEETING ON THE OUTSIDE AND 1/4 INCH THICK, 3 PLY, DOUGLAS FIR PLYWOOD, EXTERIOR TYPE ON THE INSIDE. ROOF FRAME IS COVERED WITH RIVETED ARMO ZINC GRIP PAINTED STEEL SHEETING. FLOOR IS CONSTRUCTED OF HARDWOOD BOARDS 1-5/16 INCHES THICK WITH STEEL WEAR STRIPS AT EACH BOARD JOINT.

CHASSIS ASSEMBLY, M126A2C: 8736683

KING PIN: 2 INCH DIA. MS53036-1

BODY: ASSEMBLY 11597626

LANDING GEAR: 11625162

ACTUATION-TWO SPEED MANUALLY OPERATED  
CAPACITY 17500 LBS. PER LEG  
35000 LBS. STATIC TOTAL  
TRAVEL 18-7/8 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 WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 48397-5000.
4. SUBJECT OF NATO STANAG 2805-A (EDITION 3). DO NOT REVISE OR CHANGE.

(C) ENTIRE STANDARD REVISED

## ELECTRICAL SYSTEM:

BODY 7018927  
POTENTIAL 12 VOLTS, 24 VOLTS AND 110 VOLTS  
CHASSIS 10920550  
POTENTIAL 12 VOLTS AND 24 VOLTS

## FRAME ASSEMBLY: REINFORCED, DROP

8724534  
SIDE RAIL - WIDE FLANGE BEAM 12 X 6-1/2 X 27 LB./FT.  
SECTION MODULUS - 34.1 IN<sup>3</sup>  
CROSS MEMBERS - 13

AXLE: TUBULAR TANDEM MS35866-A1  
CAPACITY 36000 LBS.

SPRINGS: FLAT LEAF 7979217  
SIZE - 4 WIDE X 52 LONG, 12 LEAVES  
RATE - 6150 LBS. PER INCH AVERAGE

WHEELS: DUAL MS53044-6  
6-11/16 OFFSET SIZE 20 X 7-1/2  
RING, WHEEL MS53045-3

TIRES: 11.00X 20 12 PLY  
TREAD DESIGN - NDCC TUBE MS35392-15

BRAKES: SERVICE 8739454-1  
SIZE - 16-1/2 X 5-1/2  
ACTUATION - AIR-OVER HYDRAULIC  
EMERGENCY RELAY VALVE MS53004-1  
AIR RESERVOIR 6169300

TIE DOWNS: (8) 7979180  
2 EACH SIDE, 2 FRONT AND 2 REAR

CHOCK BLOCKS: (2) MS52127-3

LADDER: MS500062-G1

FORDING DEPTH: 55 INCHES

MAXIMUM TOWING SPEED:  
LOADED 20 MPH  
HIGHWAY 50 MPH

MS PART NO.

MS500097-1

ENGINEERING  
DWG NO.

8736685

APPROVED 5 SEP 1968 REVISED (C) 13 JAN 86

P. A. ARMY-AT Other Cost	INTERNATIONAL INTEREST	TITLE SEMITRAILER, VAN - CARGO, 12 TON, 4 WHEEL, M128A2C	MILITARY STANDARD MS500097(AT)
PROCUREMENT SPECIFICATION ML-T-62034	SUPERSEDES:	SHEET 1	OF 1

USER ACTIVITIES:

REVIEWER ACTIVITIES:

This military standard is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense. AMSC - N/A

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