

VEHICLE CHARACTERISTICS

PRIME MOVER:
TRUCK, CARGO, 5 TON, 6 X 6

ELECTRICAL SYSTEM:
INST'N DWG. NO. 10924628
POTENTIAL - 24 VOLTS

CURB WEIGHT: 11,260 LBS.

DECK ASSY.:
PART NO. 8733833

WEIGHT DISTRIBUTION:

LUNETTE 829
AXLE 10,431
LANDING GEAR 1,125
AXLE 10,135 LBS.

FRAME ASSY.:
PART NO. 8733737

MAXIMUM WEIGHT: INCLUDING BODY AND
PAYLOAD EVENLY DISTRIBUTED.

LOADED
LUNETTE 1,828
AXLE 29,432
31,260 LBS.

AXLE: (2)
AXLE ASS'Y FRONT, P/N 8710738
AXLE ASS'Y REAR, P/N 8710739

SPRINGS: (2) P/N 8733785

WHEELS: DUAL, P/N MS53044-6.
SIZE, 7-1/2 X 20

(REFERENCED WEIGHTS ARE FOR INFORMATION ONLY.)

TIRES: 11.00-20, 12 PLY RATING, (B)
P/N MIL-T-12459 (B)
TREAD DESIGN - NDCC P/N ZZ-I-550 (B)
TUBE:

BRAKES: ACTUATION, AIR/HYDRAULIC.
INST'N DWG. NO. 8733843
BRAKE ASS'Y, LH, P/N 8710719
BRAKE ASS'Y RH, P/N 8710720
EMERGENCY RELAY VALVE, P/N MS53004-1
AIR RESERVOIR, P/N 7974405

MAXIMUM TOWING SPEEDS:
CROSS COUNTRY 20 MPH.
HIGHWAY 50 MPH.

GENERAL:

THE M345 FLATBED TRAILER IS DESIGNED TO TRANSPORT HEAVY DUTY EQUIPMENT OVER HARD SURFACED AND CROSS COUNTRY ROADS. IT IS CAPABLE OF FORDING HARD BOTTOM WATER CROSSINGS TO THE DEPTH WHICH IS CAPABLE OF BEING FORDED BY THE TOWING VEHICLE. THE TRAILER FRAME IS CONSTRUCTED OF STRUCTURAL AND PRESSED STEEL. CHOCK BLOCKS ARE PROVIDED TO KEEP THE VEHICLE FROM MOVING WHEN PARKED.

LUNETTE:
PART NO. 7979867

CHOCK BLOCKS: (2) P/N 8343584

LANDING GEAR: INST'N DWG. NO. 8733826
LANDING GEAR, (2) P/N 8343622
ACTUATION: 2 SPEED, MANUALLY OPERATED.
STROKE FULLY EXTENDED- 15 INCHES.

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. 48397-5000.

NOT MEASUREMENT SENSITIVE

(B) DENOTES CHANGE

MS PART NO.	ENGINEERING DRAWING NO.
MS500032-1	8358914

PREPARING ACTIVITY: ARMY-AT

MILITARY SPECIFICATION SHEET

SPECIFICATION SHEET NUMBER:

CUSTODIANS: ARMY- AT NAVY-
AIR FORCE-

TITLE:

MS500032B(AT) 1 FEBRUARY 1989

REVIEW:
USER:TRAILER, FLATBED, 10-TON,
4 WHEEL, M345SUPERSEDING:
MS500032A(AT), 15 JANUARY 1985

PROJECT NUMBER: 2330-A984

AMSC-NA FSC- 2330

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The requirements for acquiring the product(s) described herein shall consist of this specification sheet and the issue of the following specification listed in that issue of the DoDISS specified in the solicitation:

This specification 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.