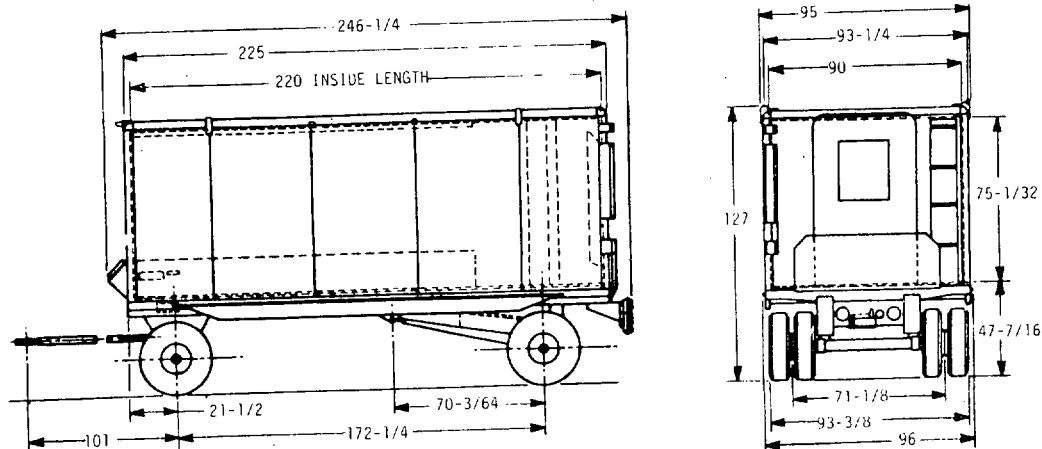


FED. SUP CLASS  
2330

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.

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

(A) ENTIRE STANDARD REVISED

P.A. ARMY-AT  
Other Cust

TITLE

TRAILER, VAN:  
LAUNCHING CONTROL,  
4 WHEEL, M262AICPROCUREMENT SPECIFICATION  
MIL-T-45393

SUPERSEDES:

|             |             |
|-------------|-------------|
| MS PART NO. | ENGINEERING |
| MS500 019-1 | DWG NO      |
|             | 8523856     |

MILITARY STANDARD

MS500019(AT)

SHEET | OF 2

APPROVED 20 NOV 65 REVISED (A) 10 APR 85

FED. SUP CLASS  
2330

## VEHICLE CHARACTERISTICS

PRIME MOVER: TRUCK, 2-1/2 TON, 6 X 6WEIGHTS:

|                      |           |
|----------------------|-----------|
| FRONT DOLLY          | 1400      |
| REAR DOLLY           | 1500      |
| BODY                 | 4020      |
| NET, EMPTY           | 6920      |
| PAYLOAD              | 5530      |
| GROSS VEHICLE WEIGHT | 12450 LBS |
|                      |           |
| BODY                 | 4020      |
| PAYLOAD              | 5530      |
| TOTAL SPRUNG WEIGHT  | 9550 LBS  |

WEIGHT DISTRIBUTION:

|             |          |
|-------------|----------|
| LUNETTE EYE |          |
| FRONT AXLE  | 6190     |
| REAR AXLE   | 6260 LBS |

(REFERENCED WEIGHTS ARE FOR INFORMATION ONLY.)

FORDING DEPTH: 47 INCHESMAXIMUM TOWING SPEEDS:

|                |        |
|----------------|--------|
| HIGHWAY:       | 50 MPH |
| CROSS COUNTRY: | 20 MPH |

ELECTRICAL SYSTEM:

|                                  |             |
|----------------------------------|-------------|
| HEATER                           | 9005301     |
| 208 VOLT, AC, 400 CYCLE, 3 PHASE |             |
| INTERIOR, 120 VOLT, AC, 60 CYCLE |             |
| EXTERIOR AND EMERGENCY LIGHTS,   |             |
| 24 VOLT, DC                      |             |
| CLEARANCE, SERVICE               | 2 MS35423-1 |
|                                  | 2 MS35423-2 |
| CLEARANCE, BLACKOUT              | 2 MS35424-1 |
|                                  | 2 MS35424-2 |
| TAIL LIGHT                       | 1 MS51329   |
|                                  | 1 MS51330   |

TRAILER DOLLIES:

|               |         |
|---------------|---------|
| FRONT M262A1K | 9136235 |
| SPRING, RIGHT | 8001862 |
| SPRING, LEFT  | 8001863 |
| REAR M262A1K  | 9136236 |
| SPRING, RIGHT | 8001864 |
| SPRING, LEFT  | 8001865 |

WHEELS: (DUAL)DISC, 16 X 16-1/2, 5-7/8 OFFSET  
MS3044-3TIRES: 9:00 X 16 - 8 PLY

|                       |           |
|-----------------------|-----------|
| TREAD DESIGN: REGULAR | MS3388-79 |
| TUBES:                | MS3397-10 |
| PRESSURE:             | 22 PSI    |

SERVICE BRAKES:

|                               |            |
|-------------------------------|------------|
| DRUM SIZE:                    | 12-1/2 X 2 |
| ACTUATION: AIR-OVER-HYDRAULIC |            |
| EMERGENCY RELAY VALVE:        | MS33004-1  |
| AIR RESERVOIR:                | 8017035    |
| BRAKE ASSY: LEFT FRONT        | 8016969    |
| RIGHT FRONT                   | 8016970    |
| LEFT REAR                     | 8016971    |
| RIGHT REAR                    | 8016972    |

NOTES:

1. DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING PREFERENCE 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.

GENERAL:

THE M262A1C IS A VAN TYPE TRAILER WITH 4 DUAL WHEELS, DESIGNED TO HOUSE AND TRANSPORT LAUNCHING CONTROL GROUP EQUIPMENT, USED IN THE NIKE HERCULES SYSTEM FOR ACCOMMODATING THE NECESSARY EQUIPMENT FOR CONTROL OF THE LAUNCHING SECTIONS AND SUPPLYING TACTICAL LAUNCHING AREA INFORMATION TO THE GUIDANCE AND CONTROL AREA.

THE BODY IS INSULATED WITH BONDED HONEYCOMB TYPE INSULATION AND PROVIDED WITH HEATING AND VENTILATING DUCTS.

THE TRAILER IS PROVIDED WITH FOUR CORNER TIE-DOWNS, FOUR FRAME TIE-DOWNS, FOUR LIFTING EYES, WHEEL CHOCKS, REAR PLATFORM, REAR BUMPER, AND A GROUND PDD STUD.

IT HAS A PIVOTING FRONT DOLLY (APPROX. 95° EACH DIRECTION FROM CENTER) AND A FIXED REAR DOLLY WHICH ARE DETACHABLE FROM THE TRAILER BED.

THE FRONT DOLLY CONSISTS OF A CONE-SHAPED FIFTH WHEEL ASSEMBLY AND INCLUDES INDEPENDENT WHEEL SUSPENSIONS, TWO COIL SPRINGS, FOUR SHOCK ABSORBERS, TWO TIE RODS, TWO DUAL WHEELS, DRAWBAR WITH AIR RESERVOIR, SERVICE AND EMERGENCY AIR LINES, DETACHABLE INTERVEHICULAR CABLE, SAFETY CHAINS, SERVICE BRAKES, POWER CLUSTER, AND EMERGENCY RELAY VALVE.

THE REAR DOLLY IS AN "A" FRAME TYPE AND INCLUDES TWO COIL SPRINGS, TWO SHOCK ABSORBERS, TWO TIE RODS, TWO DUAL WHEELS, STABILIZER BAR, SWAYBAR, SERVICE AND HAND BRAKE, ONE SPARE WHEEL, AND ONE WHEEL WRENCH.

THE TRAILER IS EQUIPPED WITH BLACKOUT AND SERVICE CLEARANCE LIGHTS, REFLECTORS AND TAIL LIGHTS WHICH ALSO SERVE AS STOP, BLACKOUT STOP, AND BLACKOUT TAIL LIGHTS.

MISCELLANEOUS EQUIPMENT:

|   |          |
|---|----------|
| FIRE EXTINGUISHER: (2) FREON, 2-3/4 LB. |          |
| PORTABLE:                               | 10916537 |
| LEVELING JACKS: (2)                     | 8002383  |
| (2)                                     | 8004581  |
| STAIR ASSY: PORTABLE, EXTENSIBLE        | 8161317  |

REFLECTORS:

|          |           |
|----------|-----------|
| 4 RED.   | MS35387-1 |
| 4 AMBER. | MS35387-2 |

(A) ENTIRE STANDARD REVISED

|  |   |                                   |                   |
|--|---|-----------------------------------|-------------------|
| P.A. ARMY-AT                             | TITLE   | MS PART NO.                       | ENGINEERING       |
| Other Cust                               | TRAILER, VAN:<br>LAUNCHING CONTROL,<br>4 WHEEL, M262A1C | MS500 019-1                       | DWG NO<br>8523856 |
| PROCUREMENT SPECIFICATION<br>MIL-T-45393 | SUPERSEDES:   | MILITARY STANDARD<br>MS500019(AT) |                   |
|  |   | SHEET 2                           | OF 2              |

DD FORM 672-1 LIMITED COORDINATION  
1 SEP 57

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

APPROVED 20 NOV 65  
REVISED 10 APR 85