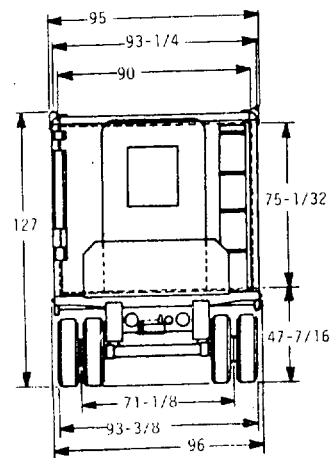
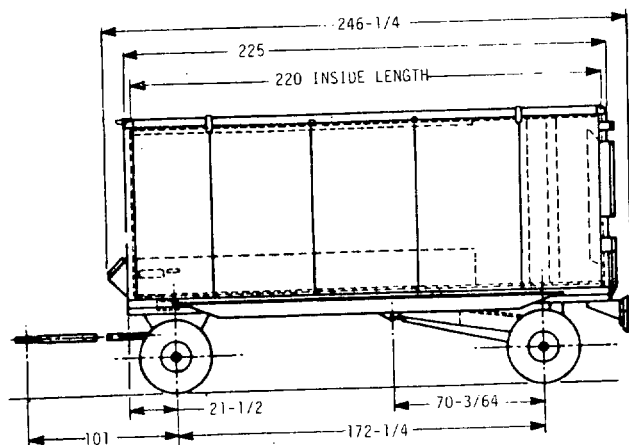


FED. SUP CLASS
2330

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, M262 AIC

PROCUREMENT 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:	MS3392-10
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
	8016970
RIGHT FRONT	8016971
LEFT REAR	8016972
RIGHT REAR	8016973

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.

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: LAUNCHING CONTROL, 4 WHEEL, M262A1C	MS500 019-1	DWG NO 8523856
PROCUREMENT SPECIFICATION MIL-T-45393	SUPERSEDES:	MILITARY STANDARD 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