



Ⓓ ENTIRE STANDARD REVISED

P. A. ARMY-AT		INTERNATIONAL INTEREST	TITLE	MS PART NO.	ENGINEERING DWG NO.
Other Cost			TRAILER, CARGO: 1/4 TON, 2 WHEEL, MILITARY MODEL M416	MS500069-1	8736302
PROCUREMENT SPECIFICATION MIL-T-10579		SUPERSEDES:		MILITARY STANDARD MS500069(AT)	
				SHEET 1 OF 2	

APPROVED 20 OCTOBER 1966 REVISED Ⓓ 13 MAR 85

9570

VEHICLE CHARACTERISTICS

CURB WEIGHT: 570 LBS. **BRAKES:** SERVICE, NONE

WEIGHT DISTRIBUTION:
WEIGHTS EMPTY LOADED
PAYLOAD - 500
WHEELS 482 960
LDG. LEG 88 110
TOTAL 570 LBS. 1070 LBS.

(REFERENCED WEIGHTS ARE FOR INFORMATION ONLY.)

CHASSIS TRAILER: M569-M553027

FORDING DEPTH: SUBMERSIBLE FOR 15 MINUTES

BODY ASSEMBLY: 10924559
NOTE: BODY IS DETACHABLE FROM CHASSIS.

FENDERS: CARGO TRAILER 10924564

LUNETTE & BRACKET ASSY: 1092456
LANDING LEG 7343007

ANCHOR, LUNETTE & BRACKET: 10924579
LUNETTE (REF) 7328311

DRAW BAR: CHASSIS
CHANNEL ASSY-L.H. 10924587-1
CHANNEL ASSY-R.H. 10924587-2

FRAME ASSY: CHASSIS 10924570
CROSSMEMBERS, 5
SIDE RAIL-CHANNEL
3-11/32 X 1-3/4 X #13 GA. .0897
SECTION MODULUS .667 IN³

SUSPENSION: INST'N 10924574
AXLE: MS35865-D1 10924598
CAPACITY 2500 LBS.
SPRINGS: SEMI-ELLIPTICAL 7328358
1-3/4 WIDE X 36-1/4 LONG, 10 LEAVES

BRAKES: CONTROL INST'N 10924574
BRAKE ASSY. L.H. 8678952
BRAKE ASSY. R.H. 8678953
BRAKE SIZE 9 X 2 INCHES

HUB & DRUM ASSY: L.H. & R.H. 10924600

ELECTRICAL: INST'N 10924550
POTENTIAL, 24 VOLTS
HARNESS ASSY 10924552
CABLE ASSY-INTERVEHICULAR 8722864
TAILLIGHT, COMPOSITE 11614157

REFLECTORS:
TRAILER BODY: RED, FOUR, MS35387-1

TIE DOWNS: FOUR, 7328275

MAXIMUM TOWING SPEED:
LOADED 30 MPH
HIGHWAY 50 MPH

ADDITIONAL EQUIPMENT AVAILABLE:
TARPAULIN CARGO BODY 10913205
SAFETY CHAIN ASSY, TWO 10944739
SAFETY CHAIN ASSY, TWO 10942505

SHOCK ABSORBERS: TWO, 7697442
DOUBLE ACTING, HYDRAULIC

WHEELS: SINGLE 10921860
SIZE: 16 X 4-1/2, 2-5/16 OFFSET

TIRES: 7.00 X 16LW, 6 PLY, MIL-T-46729
OR MIL-T-12459 TREAD DESIGN, NDC
TUBE, ZZ-1-550

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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MS500069-1	8736302

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PROCUREMENT SPECIFICATION MIL-T-10579	SUPERSEDES:	SHEET 2 OF 2	

USER ACTIVITIES:

REVIEWER ACTIVITIES:

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