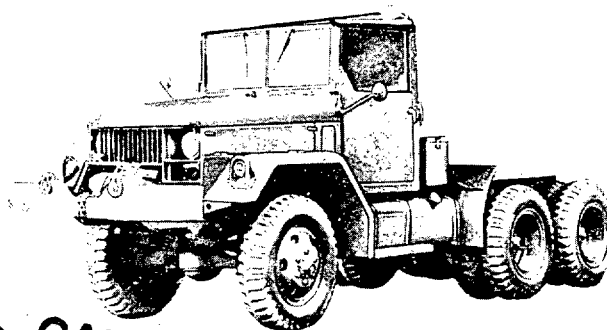
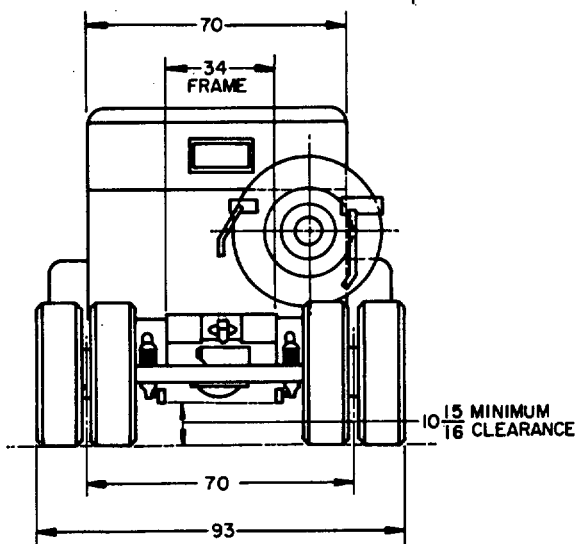
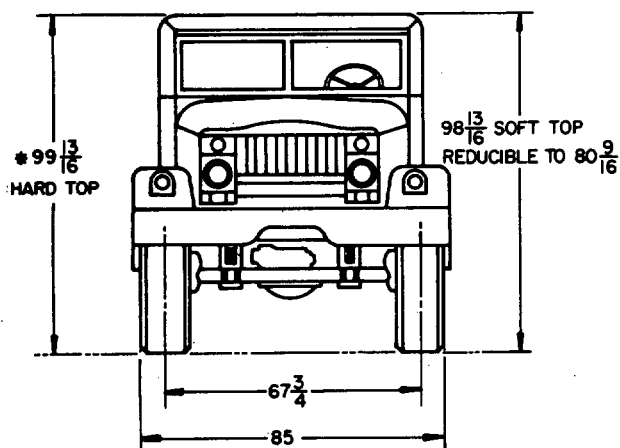
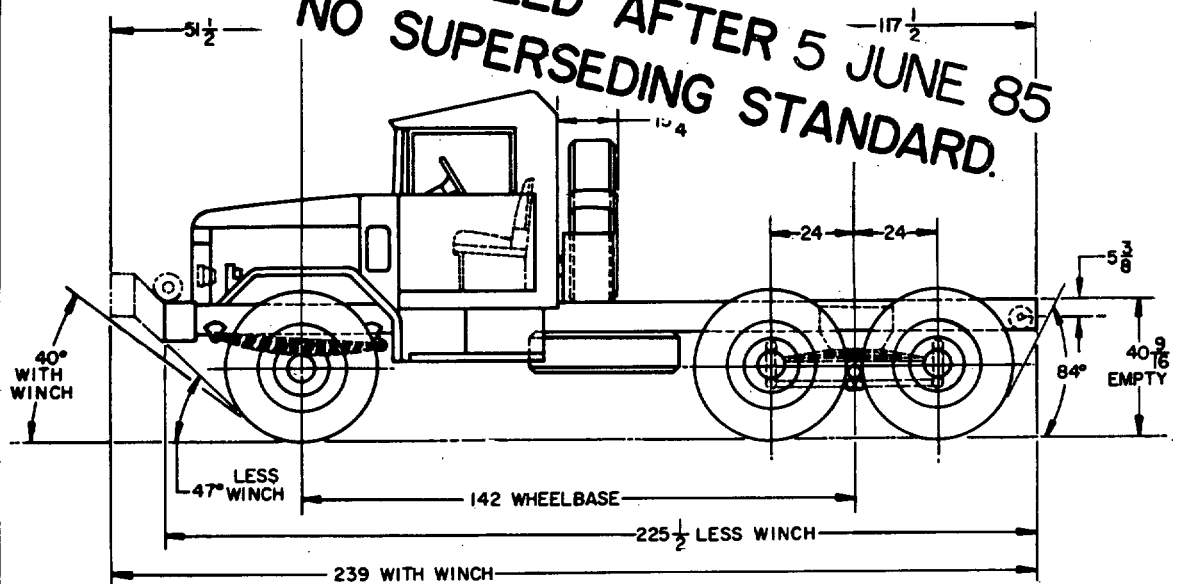


FED. SUP CLASS  
2320

**(B) CANCELLED AFTER 5 JUNE 85  
NO SUPERSEDING STANDARD.**

REVIEW ACTIVITIES: ARMY-SM; AF-85  
USER ACTIVITIES: ARMY-EL



DIMENSIONS ARE IN INCHES AND ARE  
SHOWN FOR ENGINEERING REFERENCE ONLY.

**(A) ENTIRE STANDARD REVISED**

MS PART NO.	ENG. PARTS LIST
MS 51394-1	8358836 WITH WINCH
MS 51394-2	8736260 LESS WINCH

P.A. MO (ATAC)	TITLE	MILITARY STANDARD
Other Cust NAVY-YD AF-84	CHASSIS, TRUCK, MILITARY DESIGN, M58, 2-1/2 TON, 6 X 6, 142 INCH WHEELBASE	<b>MS 51394</b>
PROCUREMENT SPECIFICATION MIL-T-45362	SUPERSEDES:	SHEET 1 OF 2

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.

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

FED. SUP CLASS  
2320**VEHICLE CHARACTERISTICS****CURB WEIGHT:** CHASSIS AND CAB,  
LESS PAYLOAD AND PERSONNEL.

	WO/W	W/W
FRONT AXLE	5236	5738
BOGIE	5206	5113
TOTAL	10442	10851 LBS.

	WO/W	W/W
PAYLOAD		
CROSS COUNTRY	7600	7200
HIGHWAY	13400	13000 LBS.

**TOWED LOAD MAX:**  
CROSS COUNTRY 6000  
HIGHWAY 10000 LBS.

(REFERENCED WEIGHTS ARE FOR INFORMATION ONLY.)

**POWER PLANT:** INST'N. 10871527**ENGINE:** 8757517

MODEL: OA 331  
 NO. OF CYL: SIX IN LINE  
 DISPLACEMENT 331, BORE 4-1/8,  
 STROKE 4-1/8.  
 COMP. RATIO: 6.73:1  
 GOV. SPEED: 3400 RPM  
 MAX. BHP: 146, NET 127 @RPM 3400  
 MAX. TORQUE LB.-FT: 270, NET 248  
 @RPM 1400

**TRANSMISSION ASSY:** P/N 7520995

TYPE: SYNCHROMESH  
 FORWARD SPEEDS: (5) REVERSE (1)  
 GEAR RATIO: HIGH 1.00:1 7.36:1  
 FOURTH 1.45:1  
 LOW 7.55:1

**TRANSFER TRANSMISSION:** INST'N. 8757844

GEAR RATIO: HIGH 1.00:1  
 LOW 1.98:1

**FRONT SUSPENSION:** INST'N. 8757839

FRONT AXLE 7521734  
 FRONT SPRINGS (2) 7368628  
 SHOCK ABSORBERS (2) 7539007

**REAR SUSPENSION:** INST'N. 8757725

REAR AXLE (2) 7368511  
 REAR SPRINGS (2) 7521792  
 TORQUE ROD ASSY. (6) 8757685

**FRAME ASSY:** 8345135

SIDE RAIL: 8 x 3 x 5/16  
 SECTION MODULUS: 9.54 IN<sup>3</sup>

**TIE DOWNS:** NO. (8) 7373215

LOCATION: (4) EACH SIDE

**WHEELS:** (10) MS 53044-5

SIZE: 7.5 x 20, OFFSET 6-3/16

**TIRES:** (10) PLUS (1) SPARE, MS 35388-16

SIZE: 9.00 x 20, (8) PLY, NDCC

**TUBES:** MS 35392-13**CAB ASSY:** SOFT TOP 8757744**ELECTRICAL SYSTEM:**

POTENTIAL: 24 VOLT  
 BATTERIES: (2), (12) VOLT, (6TN),  
 MS 35000  
 STARTING MOTOR: 7762618  
 GENERATOR 25 AMP 7355736  
 COIL: 7762685  
 REGULATOR: MS 51356-1  
 B.O. DRIVING LAMP MS 51318  
 B.O. MARKER LAMP MS 53047  
 STOPLIGHT, TAIL MS 51329-1  
 STOPLIGHT, B.O. MS 51302-1

**REFLECTORS:**

(4) RED MS 35387-1  
 (2) AMBER MS 35387-2

**BRAKE:** SERVICE

HUB &amp; DRUM ASSYS.

FRONT, LH 7529053 RH 7529054  
 REAR, LH 8757681 RH 8757682  
 DRUM, SIZE, FRT. 15 x 3, REAR 15 x 3  
 BRAKE, PARKING, SIZE: 14 x 3  
 ACTUATION: AIR/HYDRAULIC

**WINCH:** INST'N. 10871532

WINCH: MS 51352-1  
 20000 LB. CAPACITY

**PINTLE:** INST'N. 7722050

PINTLE: MS 51118-1  
 40000 LB. CAPACITY

**PERFORMANCE:** LOADED

CRUISING RANGE, HIGHWAY, 300 MILES  
 MAX. SPEED, HIGHWAY, 58 MPH

**FORDING KIT:** P/N 5701839

FORDING DEPTH WO/KIT 40 IN.  
 FORDING DEPTH W/KIT 72 IN.

**MISCELLANEOUS EQUIPMENT:**

33 IN. 5TH WHEEL, MS 53033-1,  
 DWG. 7367608  
 CLOSURE, HARDTOP, 7354276

(FOR DESIGN FEATURE PURPOSES, THIS  
STANDARD TAKES PRECEDENCE OVER PRO-  
CUREMENT DOCUMENTS REFERENCED HEREIN.)(REFERENCED DOCUMENTS SHALL BE OF THE  
ISSUE IN EFFECT ON DATE OF INVITATIONS  
FOR BID.)THIS VEHICLE SHALL BE IN ACCORDANCE  
WITH DRAWINGS IN REFERENCED ENGINEER-  
ING PARTS LIST, COPIES OF WHICH MAY  
BE OBTAINED FROM:

U. S. ARMY TANK-AUTOMOTIVE CENTER  
 ATTN: STANDARDIZATION BRANCH  
 WARREN, MICHIGAN 48090.

**CANCELLED AFTER 5 JUNE 85  
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PROCUREMENT SPECIFICATION MIL-T-45362	SUPERSEDES:	SHEET 2

APPROVED 15 SEPTEMBER 1961 REVISED (A) 29 OCTOBER 1965 (B) 5 JUNE 1985