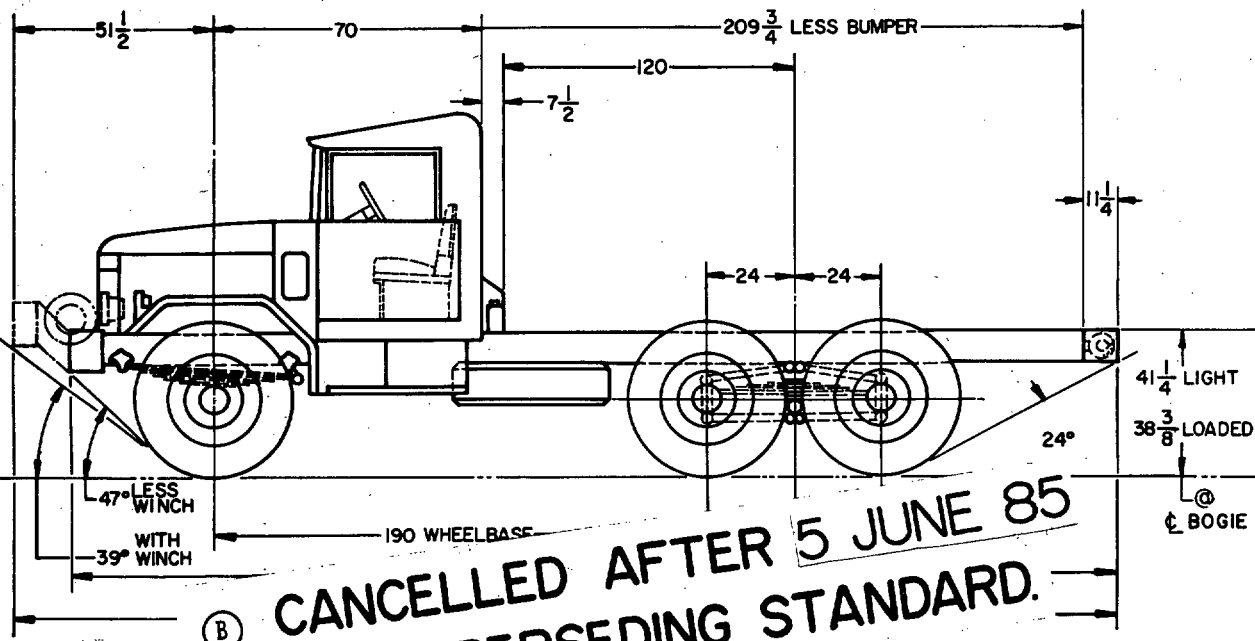
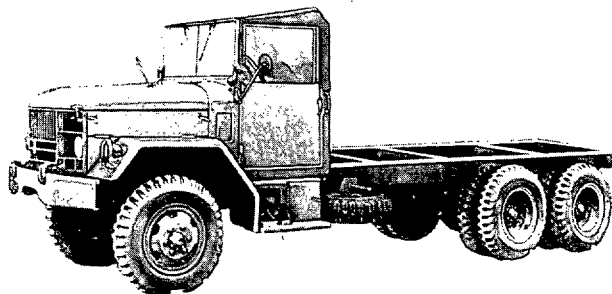
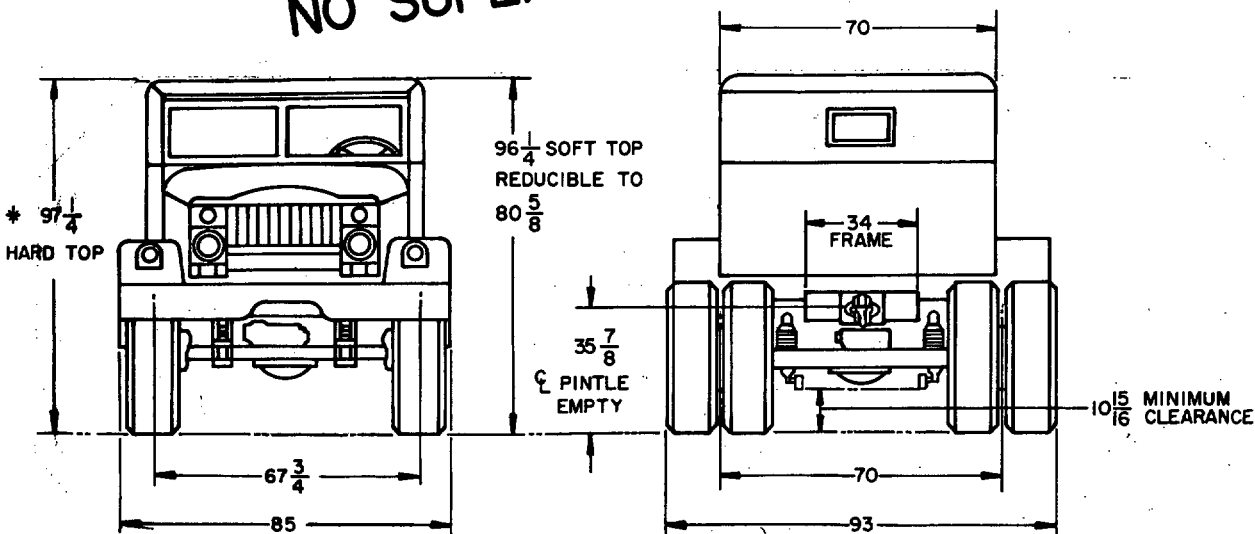


FED. SUP CLASS  
2320

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



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

(A) ENTIRE STANDARD REVISED.

MS PART NO	ENGINEERING PARTS LIST	
MS 51393-1	8736158	WITH WINCH
MS 51393-2	8736149	LESS WINCH

P.A. MO (ATAC)

Other Cust

NAVY - MC  
AF-84

PROCUREMENT SPECIFICATION  
MIL-T-45362

TITLE

CHASSIS, TRUCK, MILITARY DESIGN, M 46C,  
2-1/2 TON, 6X6, 190 INCH WHEELBASE

SUPERSEDES:

MILITARY STANDARD

MS 51393

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.

REVIEW ACTIVITIES: ARMY-SM; AF-85

USER ACTIVITIES: NAVY-YD

(B) 5 JUNE 1985

APPROVED 15 DECEMBER 1966 REVISED (A) 29 OCTOBER 1965

FED. SUP CLASS  
2320VEHICLE CHARACTERISTICSCURB WEIGHT: CHASSIS AND CAB  
LESS PAYLOAD AND PERSONNEL.

	WO/W	W/W
FRONT AXLE	5510	6010
BOGIE	6770	6680
TOTAL	12280	12690 LBS.

GROSS LOAD:

	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.)

TURNING RADIUS, MINIMUM: OVER BUMPER,  
WO/W 45 FT., W/W 46 FT.

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

TRANSFER TRANSMISSION: P/N 10871782  
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. 8757834  
REAR AXLE (2) 7368511  
REAR SPRINGS (2) 7368629  
TORQUE ROD ASSY. (6) 8757685

FRAME ASSY: 8757972  
SIDE RAIL: 8 x 3 x 5/16  
SECTION MODULUS: 9.54 IN.

TIE DOWNS: NO. (14) W/W 7373215  
LOCATION: (7) 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 35392-13CAB ASSY: SOFT TOP 8757744ELECTRICAL SYSTEM: INST'N. 10896754-2

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 51303  
STOPLIGHT, TAIL: MS 53047  
STOPLIGHT, B.O.: MS 51302-1  
REFLECTORS: (4) RED, MS 35387-1  
(4) AMBER, MS 35387-2

BRAKE: SERVICE INST'N. 8757652  
HUB & 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

PERFORMANCE: LOADED

CRUISING RANGE, HIGHWAY, 224 MILES  
MAX. SPEED, HIGHWAY 58 MPH

FORDING DEPTH:

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

MISCELLANEOUS EQUIPMENT:

CLOSURE, HARDDTOP 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 15 JUNE 85  
NO SUPERSEDING STANDARD.

P.A. MO (ATAC)

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