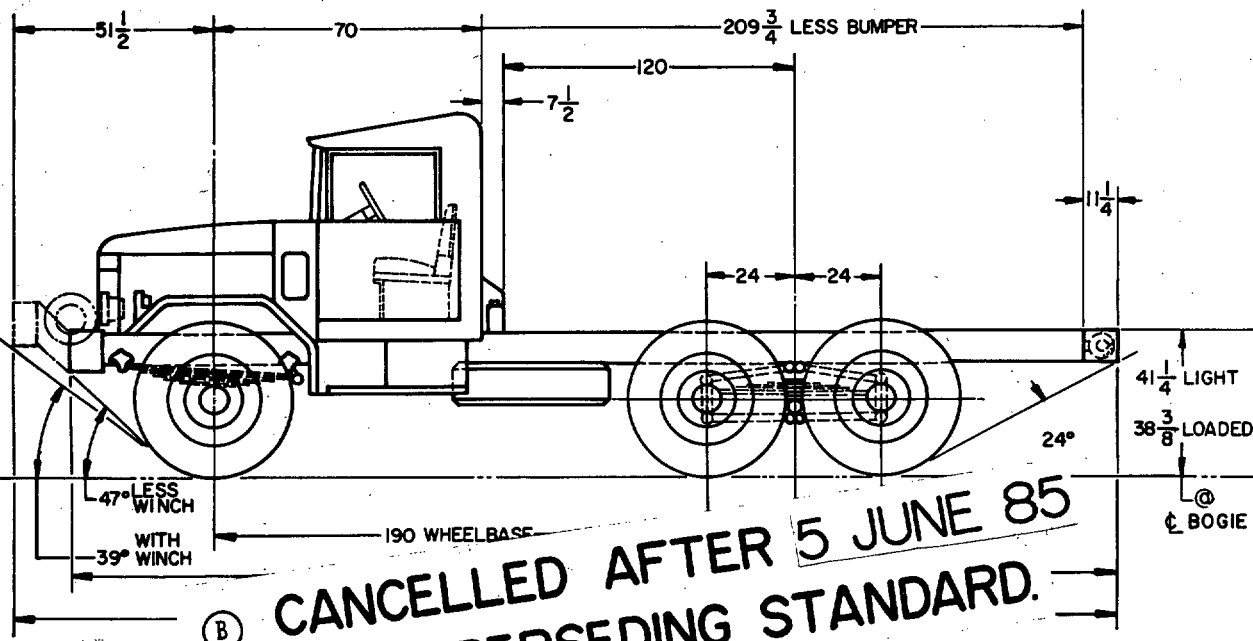
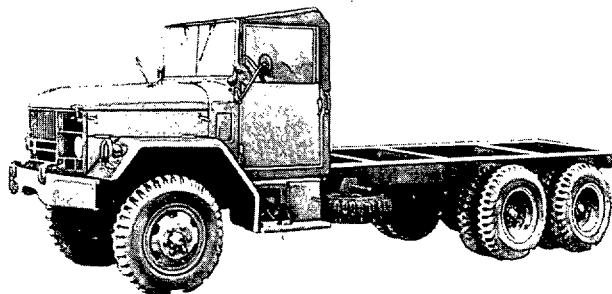
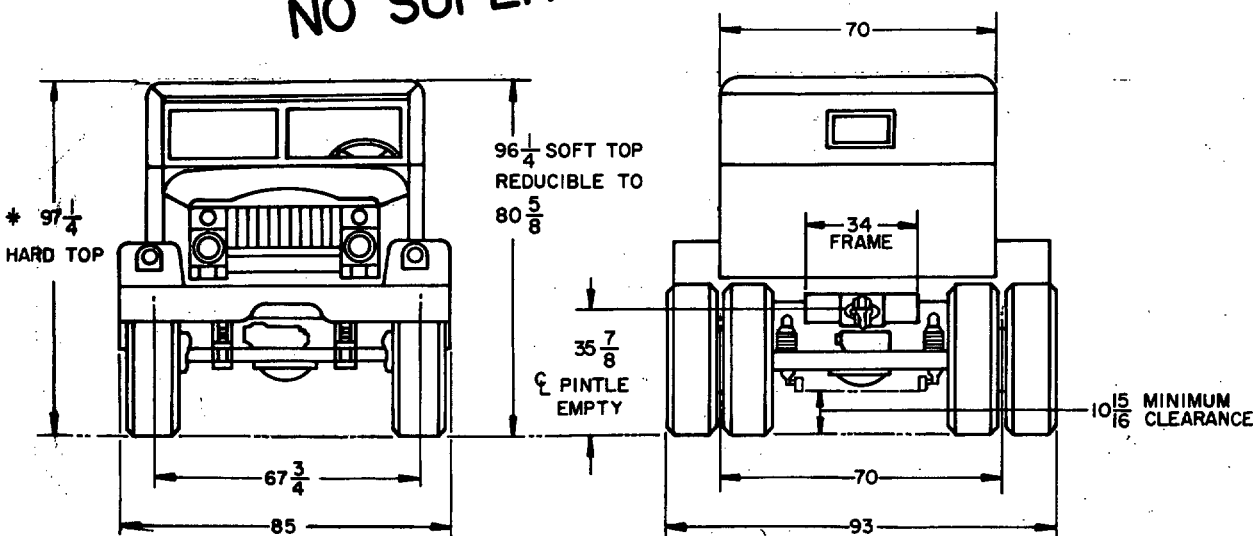


FED. SUP CLASS
2320

(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)	TITLE	MILITARY STANDARD
Other Cust	CHASSIS, TRUCK, MILITARY DESIGN, M46C,	MS 51393
NAVY-MC	2-1/2 TON, 6X6, 190 INCH WHEELBASE	
AF-84		SHEET 2
PROCUREMENT SPECIFICATION	SUPERSEDES:	
MIL T 45362		

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