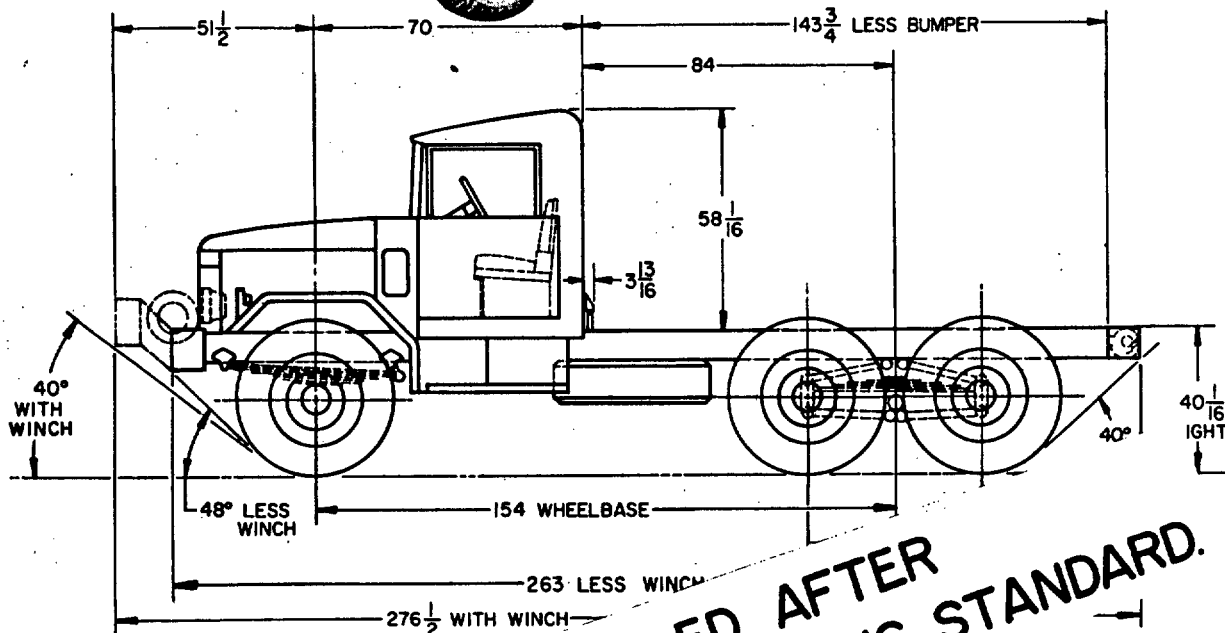
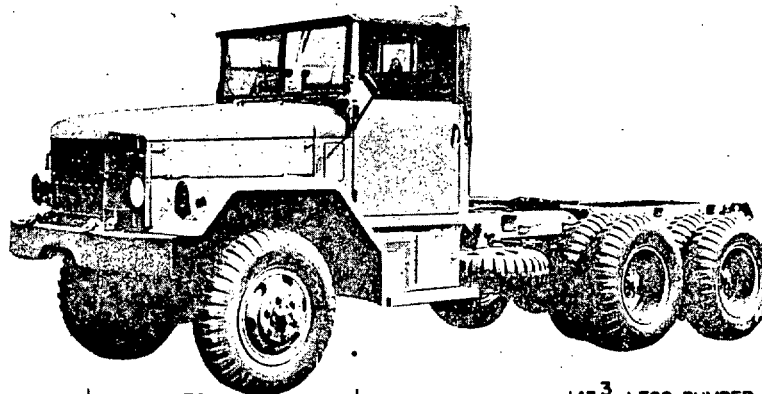
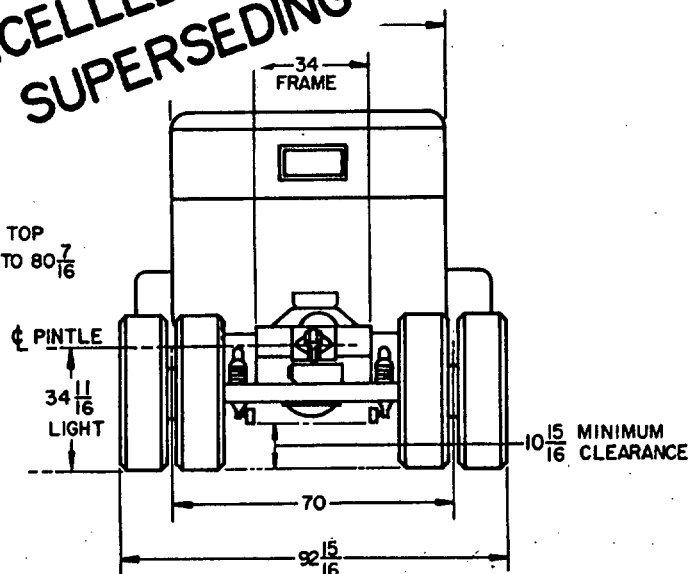
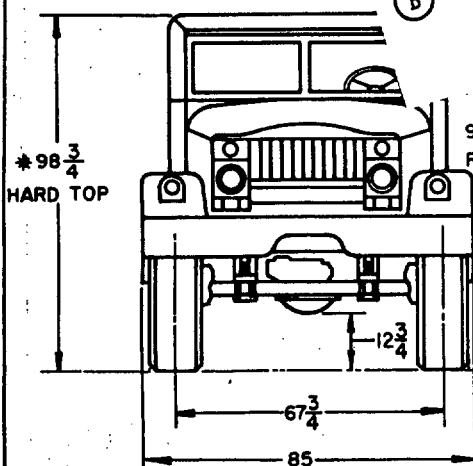


FED. SUP CLASS
2320

**CANCELLED AFTER
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 51392-1	8358196	WITH WINCH
MS 51392-2	7368524	LESS WINCH

P.A. MO (ATAC)

Other Cust
NAVY-MC

PROCUREMENT SPECIFICATION
MIL-T-45362

TITLE

CHASSIS, TRUCK, MILITARY DESIGN, M 45,
2-1/2 TON, 6X6, 154 INCH WHEELBASE

SUPERSEDES:

MILITARY STANDARD

MS 51392

SHEET 1 OF 2

REVIEW ACTIVITIES: ARMY-SM
USER ACTIVITIES: ARMY-EL; NAVY-YD; AF-26,84

This military standard has been approved by the Department of Defense and is mandatory 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.

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

	WO/W	W/W
FRONT AXLE	5190	5691
BOGIE	5335	5244
TOTAL	10525	10935 LBS

	WO/W	W/W
GROSS LOAD:		
PAYLOAD		
CROSS COUNTRY	6980	6565
HIGHWAY	11980	11565 LBS

TOWED LOAD MAX:

CROSS COUNTRY	6000
HIGHWAY	10000 LBS

(REFERENCED WEIGHTS ARE FOR INFORMATION)

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

POWER PLANT: INST'N 10871525TRANSMISSION ASSY: 7520995

TYPE: SYNCHRONESH IN
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 8757844TRANSFER TRANSMISSION: P/M 10871782

GEAR RATIO: HIGH 1.00:1
LOW 1.98:1

FRONT SUSPENSION: INST'N 8757839

FRONT AXLE	(2) 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: 7521806

SIDE RAIL: 8 x 3 x 5/16 3
SECTION MODULUS: 9.54 IN³

TIE DOWNS: NO. W/W (12) 7373215

LOCATION: (6) 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 MDCC

TUBES: MS 35392-13CAB ASSY: SOFT TOP 8757744ELECTRICAL SYSTEM: INST'N 10896754-1

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:	(2) MS 51329-1
STOPLIGHT, B.O.:	(1) MS 51302-1
REFLECTORS:	(4) RED MS 35387-1
	(4) AMBER MS 35387-2

BRAKE: SERVICE INST'N 8757651

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	

HAND BRAKE: INST'N 10871530WINCH: 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 KIT:

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

MISCELLANEOUS EQUIPMENT:

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
NO SUPERSEDING STANDARD.

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P.A. MO (ATAC)	TITLE	MILITARY STANDARD
Other Cust NAVY - MC	CHASSIS, TRUCK, MILITARY DESIGN, M45, 2-1/2 TON, 6X6, 154 INCH WHEELBASE	MS 51392
PROCUREMENT SPECIFICATION MIL-T-45362	SUPERSEDES:	SHEET 2