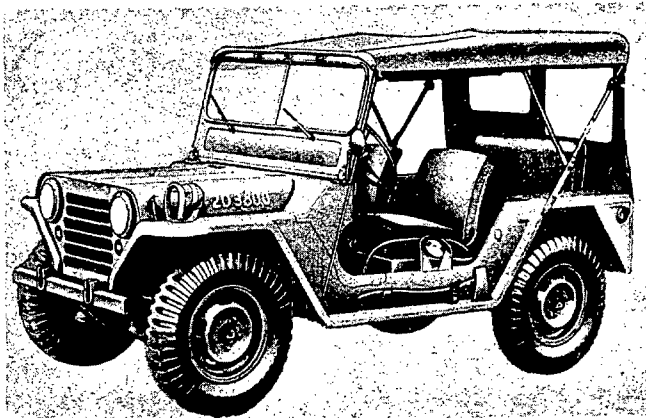
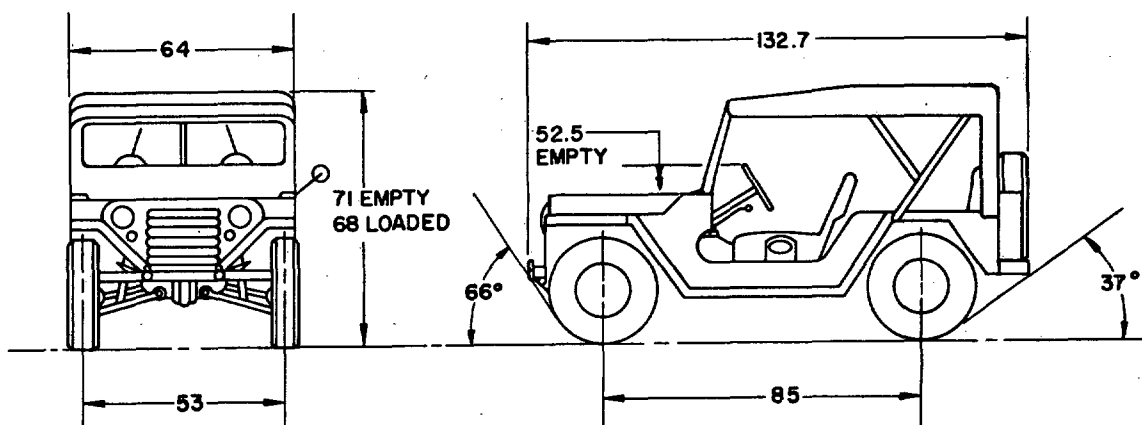


FED. SUP CLASS
2320

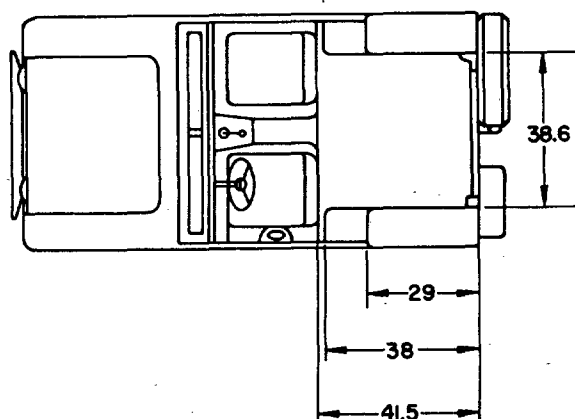
REVIEW ACTIVITIES: ARMY
USER ACTIVITIES: ARMY, ME: NAVY-YD



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

CERTAIN PROVISIONS OF THIS STANDARD, IDENTIFIED BY AN ASTERISK (*) ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT NATO STANAG 2805-A (EDITION 3). WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED.

(A) DENOTES CHANGES



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.

P.A. ARMY-AT Other Cust NAVY-MC AF-99	International Interest	TITLE TRUCK, UTILITY, 1/4 TON, 4 X 4, 85 INCH WHEELBASE, MILITARY DESIGN, M151A1	MILITARY STANDARD MS 500071
PROCUREMENT SPECIFICATION MIL-T-45331		SUPERSEDES:	SHEET 1 OF 2

MS PART NO.	DRAWING NO.
MS 500071 -1	8736678

APPROVED 9 NOVEMBER 1966 REVISED (A) 22 March 1978

VEHICLE CHARACTERISTICSFED. SUP CLASS
2320

CURB WEIGHT: 2400 LBS
PAYLOAD, CROSS COUNTRY 800 LBS
PAYLOAD, HIGHWAY 1200 LBS

	EMPTY	CROSS COUNTRY	HIGHWAY
FRONT AXLE	1340	1515	1550
REAR AXLE	1060	1685	2050
TOTAL	2400 LBS	3200 LBS	3600 LBS

MAXIMUM TOWED LOAD:
CROSS COUNTRY 1070 LBS (A)
HIGHWAY 1320 LBS
 EMPTY, 350 CU FT REDUCED TO 260 CU FT
 SHIPPING WEIGHT, DRY, 2300 LBS

MINIMUM TURNING RADIUS: WITHOUT WINCH
 OVER BUMPER, 18 FT 6 1/4 IN.

*** FORDING DEPTH:**
 WITH KIT 60 IN.
 WITHOUT KIT 21 IN.

POWER PLANT ASSY: INSTL 10884992
 ENGINE, COMPLETE 8754411
 FOUR CYLINDERS IN LINE
 DISPLACEMENT, 141.5 CU IN., BORE 3.875
 STROKE 3.00, COMPRESSION RATIO 7.5 TO 1
 MAX GROSS HP 71, NET 61 @ 3600 RPM
 MAX GROSS TORQUE 128, NET 119 LB FT @ 1800 RPM

RADIATOR AND CONNECTIONS ASSY: 10921887
 COOLING SYSTEM CAPACITY, 8.5 QTS
 PUMP DRIVE, TWO V BELTS 7033756
 FAN ENGINE COOLING, FOUR BLADE 8342323

ELECTRICAL SYSTEM, ENGINE: INSTL 8754602

FUEL SYSTEM: INSTL 8754605

EXHAUST SYSTEM: INSTL 8754719

CLUTCH: 8712372
 CLUTCH DISC ASSY 10913204
 PRESSURE PLATE ASSY, CLUTCH 8328265
 BRAKE AND CLUTCH PEDAL ASSY, INSTL 8754747

TRANSMISSION AND TRANSFER ASSY: 7536199
 TYPE, SYNCHROMESH
 FORWARD SPEEDS: FOUR, REVERSE: ONE
 FORWARD GEAR RATIOS: 1ST: 5.112, 2ND: 3.179
 3RD: 1.674, 4TH: 1:1
 REVERSE GEAR RATIO, 7.497:1

TRANSFER TRANSMISSION CASE: 10885542
 GEAR RATIO, HIGH: 1:1, REVERSE: 1:1

FRONT SUSPENSION ASSY: 8754956
 FRONT AXLE, RATIO: 4.86:1 7536140
 FRONT SPRINGS, COIL TYPE 8754263
 SHOCK ABSORBERS 7331161

REAR SUSPENSION: INSTL 8754708
 REAR AXLE, RATIO: 4.86:1 7536140
 REAR SPRINGS, COIL TYPE 8754445
 SHOCK ABSORBERS, TWO 8359993

FRAME: UNIT WITH BODY REF 8754459
 SIDE RAIL, 7.875 X 1.75 X .06 IN.
 REAR CROSS MEMBER 7345054
 FRONT BUMPER AND LIFTING HOOK 8754715
 REAR BUMPERETTES AND LIFTING HOOK 8754711

TIE DOWNS: FOUR
 LOCATION, 2 FRONT, 2 REAR

WHEELS: 10921860
 SIZE, 16 X 4 1/2, 2 3/8 OFFSET

TIRES: 4 PLY, 6 PLY RATING
 SIZE, 700 X 16 LW, TREAD: NDCC (A)

BODY ASSY: 8754459
 FOLDING TOP INSTL 8754750
 TIRE CARRIER INSTL 8754713
 HOOD PANEL ASSY INSTL 8754718
 STEERING GEAR INSTL 8754742
 WINDSHIELD PANEL ASSY INSTL 8754710
 REAR VIEW MIRROR INSTL 8754709
 PIONEER EQUIPMENT INSTL 7345050
 BRUSH GUARD ASSY 10885028
 SPEEDOMETER ASSY 7760396
 THROTTLE LINKAGE INSTL 8754716

DRIVE LINES: INSTL 8754743

HAND BRAKE LEVER ASSY: 10950843

PINTLE: INSTL 8754736
 PINTLE HOOK MS 51335-2

AIR AND HYDRAULIC: INSTL 8754746
 BRAKE SERVICE: ACTUATION, HYDRAULIC
 DRUM SIZE: FRONT, 9 1/8 X 2
 REAR, 9 1/8 X 2
 BRAKE, PARKING 8754237
 DRUM SIZE, 6 IN. DIA X 1 IN.

ELECTRICAL SYSTEM: INSTL 8754603
 POTENTIAL, 24 VOLT
 STARTING MOTOR 7017647
 GENERATOR, 25 AMPS 7045798
 BATTERIES: TWO, 12 VOLT-2HN MS 35000
 COIL 8712399
 REGULATOR 8360020; 8712283
 LIGHTING, HEAD LAMPS 8741462
 BLACKOUT DRIVING LAMP MS 51318-1
 BLACKOUT MARKER LAMPS MS 51303-2
 TRAILER COUPLING SOCKET 7345183

REFLECTORS:
 RED, THREE MS 35387-1

PERFORMANCE:
 FUEL TANK CAPACITY, 17 GALS
 CRUISING RANGE, HIGHWAY 300 MILES
 MAXIMUM SPEED, HIGHWAY 65 MPH

SUPPLEMENTARY KIT DATA:
 DEEP WATER FORDING 7536098
 100 AMP ALTERNATOR 10885596
 HOT WATER HEATER, -25° F 10950750
 WINTERIZATION, -65° F 8712420
 HARDTOP 7535927
 MACHINE GUN MOUNT 10885124
 OVERLOAD SPRING 10921883
 106 MM RIFLE MOUNT 8389422
 RIFLE MOUNT, M14 8712407
 DOOR AND SIDE CURTAIN (A) 10950781

☆U.S. GOVERNMENT PRINTING OFFICE: 1978-703-122/1721

APPROVED 9 NOVEMBER 1966 REVISED (A) FOR CHANGES SEE SHEETS 1 AND 2

P.A. Other Cust	International Interest	TITLE TRUCK, UTILITY, 1/4 TON, 4 X 4, 85 INCH WHEELBASE, MILITARY DESIGN, M151A1	MILITARY STANDARD MS 500071
PROCUREMENT SPECIFICATION		SUPERSEDES:	SHEET 2 OF 2