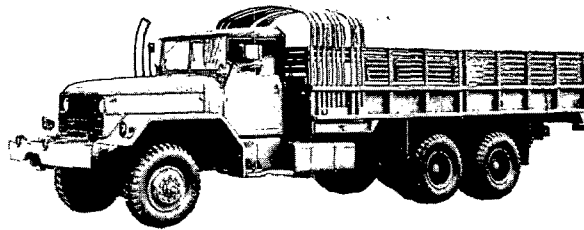
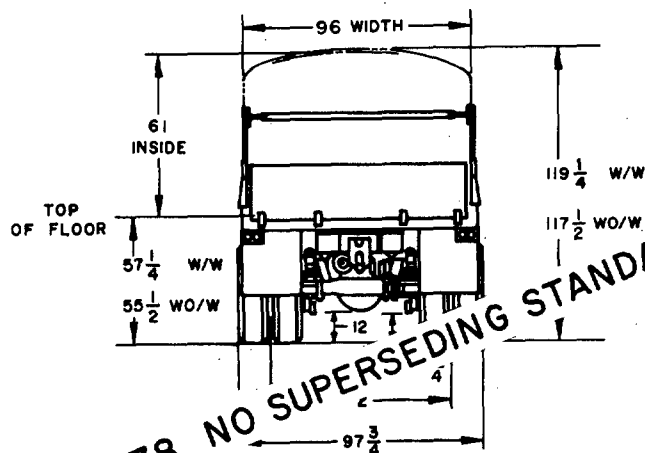
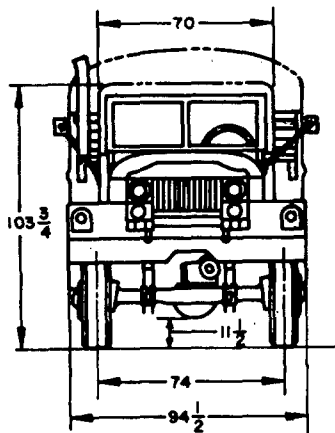
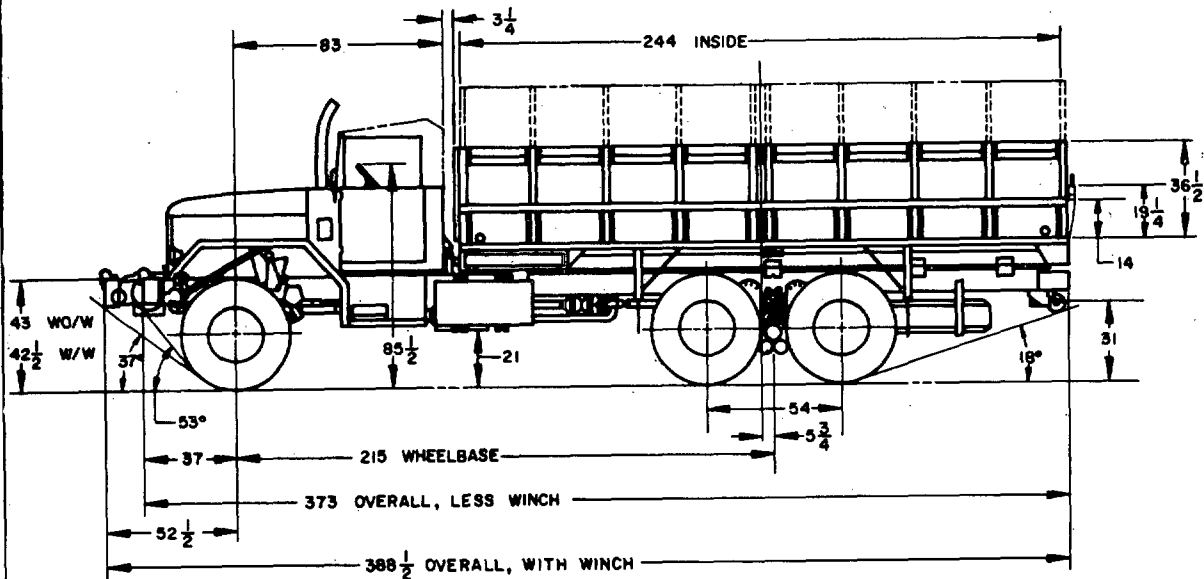


FED. SUP CLASS
2320

USER ACTIVITIES: ARMY-EL; NAVY-YD



CERTAIN PROVISIONS OF THIS STANDARD, INDICATED BY AN ASTERISK (*) ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT NATO STANAG 2320-A (EDITION 3). WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH MAY AFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE THE NECESSARY RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING THE INTERNATIONAL STANDARDIZATION OFFICES, IF REQUIRED.

ALL HEIGHT DIMENSIONS ARE WITHOUT PAYLOAD.

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

MS PART NO.	ENGINEERING PARTS LIST	
MS500084-1	8736522	WITH WINCH
MS500084-2	8736523	LESS WINCH

P.A. ARMY-AT Other Cust NAVY-MC AF-99	International Interest	TITLE TRUCK, CARGO, 5 TON, 6 X 6, 215 INCH WHEELBASE, MILITARY DESIGN, M55A2	MILITARY STANDARD MS500084
PROCUREMENT SPECIFICATION MIL-T-740	SUPERSEDES:		SHEET 1 OF 2

CANCELED AFTER 4 MAY 1978. NO SUPERSEDING STANDARD.

VEHICLE CHARACTERISTICS

FED. SUP. CLASS.
2320

CHASSIS: w/winch, M63A2 8736527

CHASSIS: wo/winch, M63A2 8736528

CURB WEIGHT: FULLY EQUIPPED LESS PAYLOAD AND PERSONNEL

	wo/winch	w/winch
FRONT AXLE	7880	8840
REAR AXLE, BOGIE	15160	15060
TOTAL	23040 LBS	23900 LBS

WEIGHT DISTRIBUTION: LOADED, PLUS 400 LB CREW

	CROSS COUNTRY		HIGHWAY	
	wo/w	w/w	wo/w	w/w
PAYLOAD	10400	10400	20400	20400
FRONT AXLE	8320	9280	8490	9450
BOGIE AXLE	25120	25020	34950	34850
TOTAL LBS.	33440	34300	43440	44300

TOWED LOAD ALLOWANCE:

LIMITED CROSS COUNTRY	15000 LBS
HIGHWAY	30000 LBS

*FORDING DEPTH: 30 INCHES

WITH FORDING KIT, 78 INCHES

CARGO BODY:

CARGO BODY, ASSY	INSTL 10871358
CAB ASSY	10871357
CAB SUPPORT	10883174-1
	INSTL 10883228-1

GENERAL:

THIS VEHICLE IS USED TO TRANSPORT GENERAL CARGO OR PERSONNEL. THE CAB IS CANVAS COVERED, OPEN TYPE. THE BODY IS (244 X 88 INCHES INSIDE) FLAT BED TYPE HAVING A HEAVY WOOD FLOOR UNDER A METAL PLATE. SIDES AND TARPAULIN FRAME ARE REMOVEABLE, 14 INCH SIDES. 19-1/4 INCH TAILGATE, 61 INCH FLOOR TO UNDER SIDE OF BOWS. COMPLETE WITH SIDE RACKS, TARPS AND TROOP SEATS. THE TROOP SEAT AND LAZYBACKS ON EACH SIDE ARE FURNISHED IN TWO SECTIONS TO FACILITATE HANDLING.

BODY CARGO SPACE: 744 CU FT

BODY INCLUDES TEN TOP BOWS WITH TARPAULIN AND END FLAPS. STEP ON TAILGATE FOR EASE OF ENTRANCE.

POWER PLANT: LDS 465-1A INSTL 10938275-1

ENGINE; MULTIFUEL; 478 CU IN. 10951400

SIX CYLINDER, 4.56 BORE X 4.87 STROKE

BRAKE HP 198 @ GOVERNED SPEED, 2800 RPM

FUEL TANK; 78 GAL CAPACITY INSTL 10938398

EXHAUST SYSTEM, VERTICAL INSTL 11593176

TRANSMISSION: w/winch

INSTL 10871448

wo/winch

INSTL 10871449

TRANSMISSION

8333627

FORWARD SPEEDS, FIVE

RATIOS; 7.31, 4.08, 2.41, 1.43, 1.00

REVERSE, ONE; RATIO 7.33:1

TRANSFER:

INSTL 10899367

RATIOS; HIGH, 1:1 LOW, 2.024:1

FRONT SUSPENSION:

INSTL 10871261

FRONT AXLE

7346805

SHOCK ABSORBERS, TWO

7409617

SPRINGS, FRONT, TWO

7409345

FRAME ASSY: CHASSIS

10938330

FRONT BUMPER:

INSTL 10883138

REAR BUMPER:

INSTL 10883121

REAR SUSPENSION:

INSTL 10883209

REAR AXLE ASSY, TWO

8327007

SPRINGS, REAR, TWO

7409613

TORQUE ROD ASSY, SIX

8728126

WHEELS: 20 X 7.5, OFFSET, 6-11/16 MS 53044-6
RING MS 53045-3TIRES: 11.00 X 20, 12 PLY, TEN - MS 35388-21
TREAD DESIGN, MDOC; TUBE, TEN - MS 35392-15
ONE SPARE; TIRE AND TUBESTEERING: CONTROL INSTL 8758369
STEERING GEAR 8728230BRAKES: TUBING INSTL 10938416-1
DRUM SIZE; FRONT, 16-1/2 X 5-1/2
REAR, 16-1/2 X 5-1/2
ACTUATION, AIR/HYDRAULICBRAKES, PARKING: CONTROL INSTL 10883127
DRUM SIZE, 14 X 3, MOUNTED ON REAR OF
TRANSFER

ELECTRICAL SYSTEM:

WATERPROOF AND RADIO SUPPRESSED
POTENTIAL, 24 VOLT
BATTERIES, TWO, 6 TN 12 VOLT MS 35000-4
STARTING MOTOR 10911018-1
GENERATOR 7355736
REGULATOR MS 51356-1
WIRING DIAGRAM 10938485
WIRING INSTL 10938386-1

REFLECTORS:

RED, FOUR MS 35387-1
AMBER, FOUR MS 35387-2

TIE DOWNS: 20 WITH WINCH 10883223
18 WITHOUT WINCHPERFORMANCE: MAX SPEED, 54 MPH WITHOUT
TOWED LOAD

FUEL	MPG	CRUISING RANGE, HWY
DIESEL	5.3	350
Gal. Eo	4.83	319
GASOLINE	4.39	290

WINCH: CAPACITY, 20000 LBS INSTL 10871087
WINCH MS 51353-1PINTLE: INSTL 10883506
HIGHWAY CAPACITY, 30000 LBS.
PINTLE MS 51117-1

KIT PROVISIONS:

FORDING KIT 5703702
PERSONNEL HEATER KIT 5703530
THERMAL BARRIER KIT 5702823
PERSONNEL HEATER, HOT WATER 5702006
HARDTOP CLOSURE KIT 5701443
ELECTRIC BRAKE KIT 5701909
A FRAME, FOR W/WINCH VEHICLES 8337178
AIR BRAKE KIT 8758174
POWER PLANT HEATER KIT 5703535
TIE DOWN KIT 5702813

(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 ENGINEERING
PARTS LIST, COPIES OF WHICH MAY BE
OBTAINED FROM:

U.S. ARMY TANK-AUTOMOTIVE COMMAND
WARREN, MICHIGAN 48090

APPROVED 27 OCTOBER 1967 REVISED 1 (A) FOR CHANGES SEE SHEET 1

P.A. Other Cust	International Interest	TITLE TRUCK, CARGO, 5 TON, 6 X 6, 215 INCH WHEELBASE, MILITARY DESIGN, M55A2	MILITARY STANDARD MS500084
PROCUREMENT SPECIFICATION		SUPERSEDES:	SHEET 2. OF 2