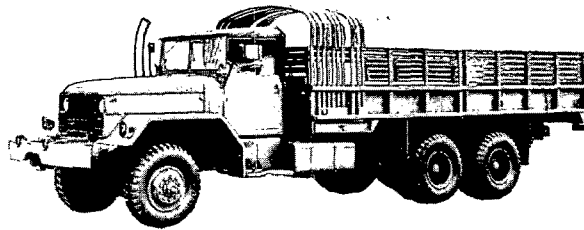
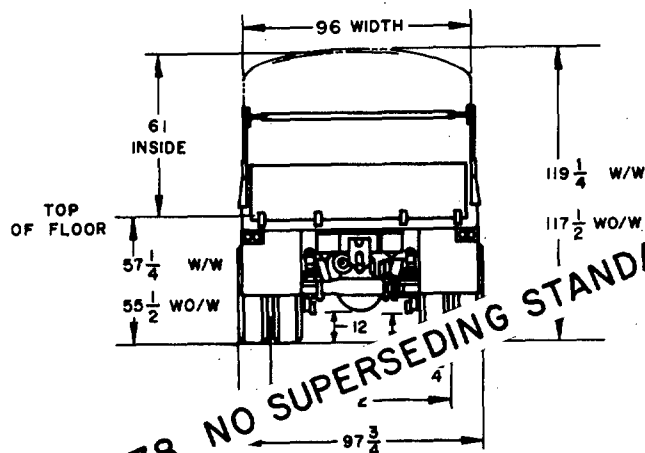
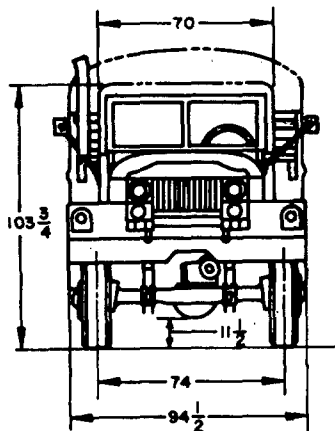
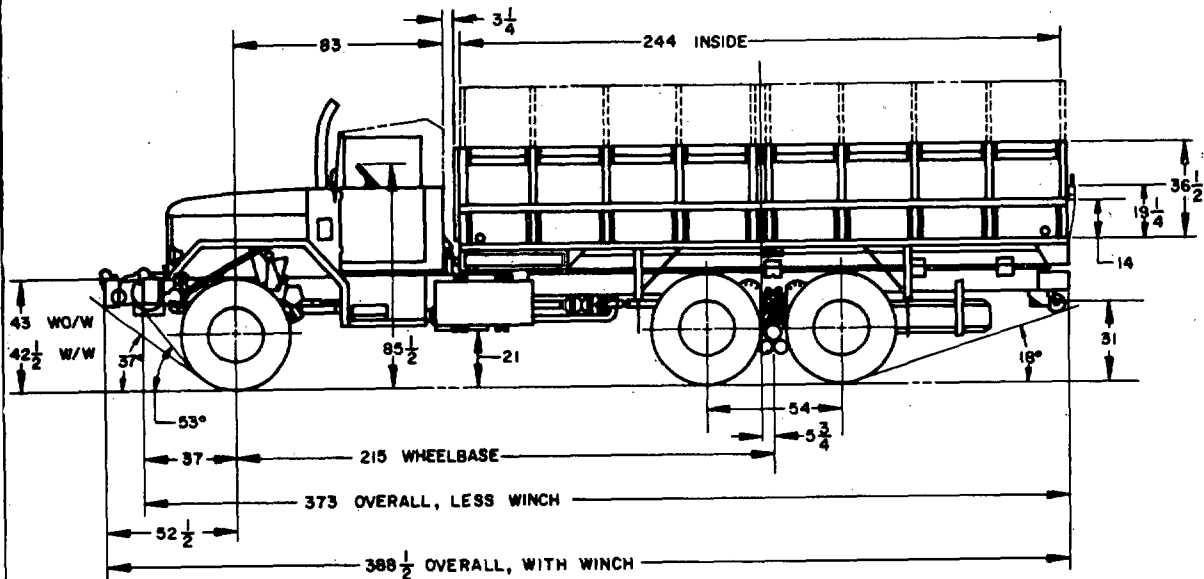


FED. SUP CLASS  
2320

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 <b>TRUCK, CARGO, 5 TON, 6 X 6, 215 INCH WHEELBASE, MILITARY DESIGN, M55A2</b>	<b>MILITARY STANDARD MS500084</b>
PROCUREMENT SPECIFICATION MIL-T-740	SUPERSEDES:	SHEET 1 OF 2	

## 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

ENGINE; MULTIFUEL; 478 CU IN. INSTL 10938275-1  
SIX CYLINDER, 4.56 BORE X 4.87 STROKE 10951400  
BRAKE HP 198 @ GOVERNED SPEED, 2800 RPM  
FUEL TANK; 78 GAL CAPACITY INSTL 10938398  
EXHAUST SYSTEM, VERTICAL INSTL 11593176

## TRANSMISSION: w/WINCH

wo/WINCH INSTL 10871448  
TRANSMISSION INSTL 10871449  
FORWARD SPEEDS, FIVE 8333627  
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 53045-3

TIRES: 11.00 X 20, 12 PLY, TEN - MS 35388-21  
TREAD DESIGN, MDOC; TUBE, TEN - MS 35392-15  
ONE SPARE; TIRE AND TUBE

STEERING: CONTROL INSTL 8758369  
STEERING GEAR 8728230

BRAKES: TUBING INSTL 10938416-1  
DRUM SIZE; FRONT, 16-1/2 X 5-1/2  
REAR, 16-1/2 X 5-1/2  
ACTUATION, AIR/HYDRAULIC

BRAKES, 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 WINCH

PERFORMANCE: MAX SPEED, 54 MPH WITHOUT  
TOWED LOAD

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

WINCH: CAPACITY, 20000 LBS INSTL 10871087  
WINCH MS 51353-1

PINTLE: 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 PROCUREMENT 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 (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