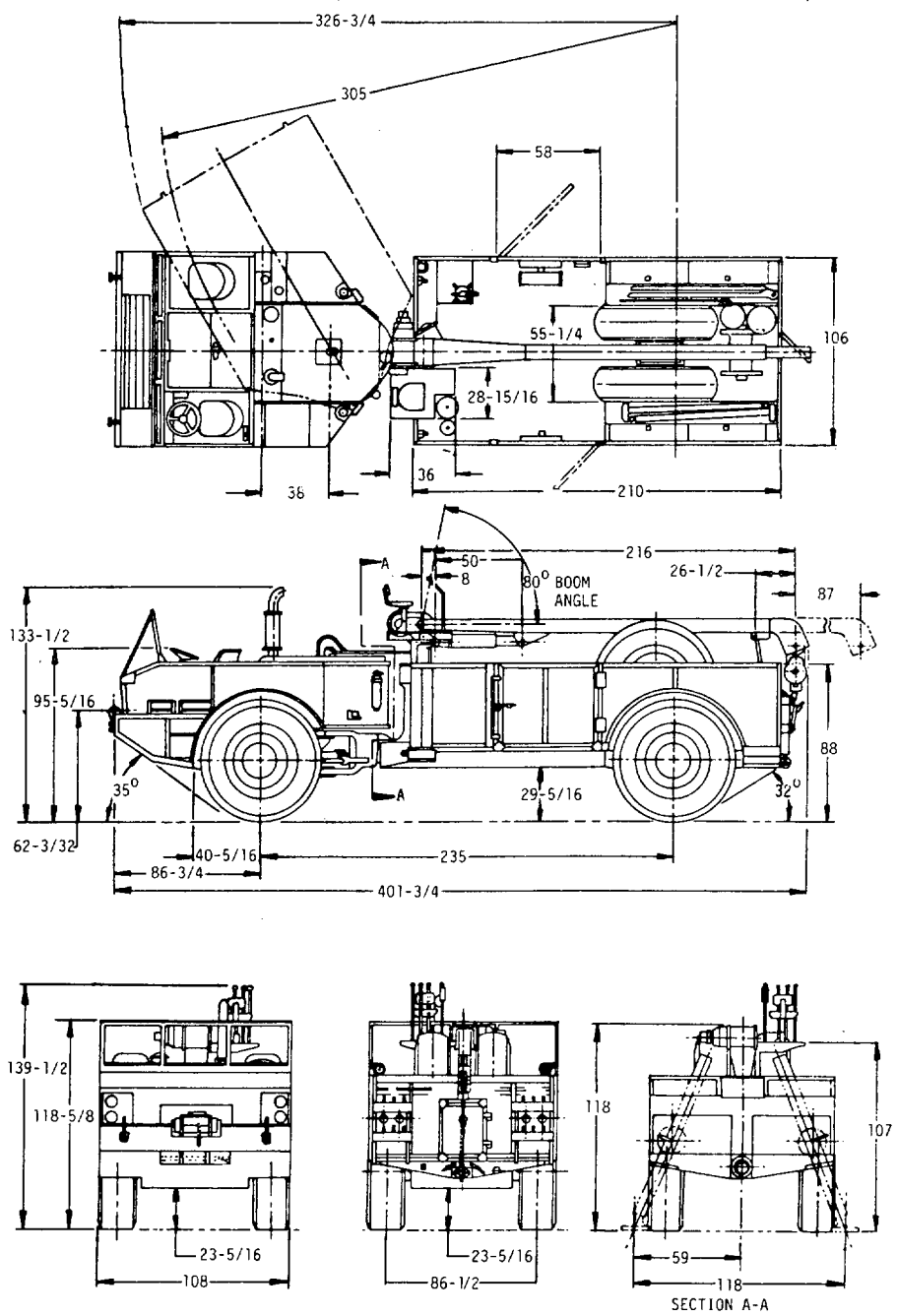


FED. SUP CLASS
2320

USER ACTIVITIES:

REVIEWER ACTIVITIES:

This military standard is approved for use by the US Army Tank-Automotive Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.



(C) ENTIRE STANDARD REVISED

P. A. ARMY - AT	INTERNATIONAL INTEREST	TITLE
Other Cust		TRUCK, WRECKER, 10 TON, 4X4, MILITARY DESIGN, M 553
PROCUREMENT SPECIFICATION MIL-T-62131	SUPERSEDES:	

MS PART NO.	ENGINEERING DWG NO
MS 52113-1	11614318
MILITARY STANDARD	
MS52113(AT)	
SHEET 1	OF 2

APPROVED 8 OCTOBER 1969 REVISED (C) 15 JAN 85

VEHICLE CHARACTERISTICS

MODEL M553; TRUCK WRECKER	11614318	WINCH HYDRAULIC, REAR:	INST'N	11614928
		WINCH CAPACITY		11614933
GROSS VEHICLE WEIGHT: FULLY EQUIPPED		CABLE 0.88 DIA.		300 FT
WO/PAYLOAD	W/PAYLOAD	PINTLE 4000 LB. CAPACITY		7722050
FRONT AXLE 20500 LBS	23280 LBS	WINCH AND GEAR, FRONT	INST'N	11635124
REAR AXLE 17370 LBS	22500 LBS	WINCH, FRONT 10000 LB.		7538687
TOTAL 37870 LBS	45780 LBS	CABLE 0.5 IN. DIA. 200FT.		
TOWING CAPACITY:	20000 LBS	TIRES: 18.00X33 10 PLY FOUR		11618762
MINIMUM TURNING DIA: WALL TO WALL 52.7FT.		RIM 33.00X13.00 FOUR		11681132
		VALVE: TIRE FOUR		22-V-25
		RING: WHEEL FOUR		11681133
		TIRE AND RIM ASSY. FOUR		11681140
BODY ASSY, FRONT	11614753	GENERAL:		
BODY ASSY, REAR	11614883	STEERING GEAR	INST'N	11614610
DOOR ASSY; L.H.	11614495	STEERING LINKAGE	INST'N	11614948
DOOR ASSY, R.H.	11614500	STEERING PUMP, TAN, AND LINES		
DOOR ASSY, REAR	11614697			
MIRROR REARVIEW	INST'N 11614884			
WINDSHIELD AND FRAME	INST'N 11614950	STEERING CYLINDER;	INST'N	11614672
DRIVE SHAFT, REAR	INST'N 11614935	BILGE PUMP, FRONT	INST'N	11614878
		BILGE PUMP, REAR	INST'N	11614937
POWER PLANT:	INST'N 11614404	MIN RATE 46 GPM AS INSTALLED		
ENGINE DIESEL;		CANOPY, FRONT:	INST'N	11614944
CYLINDERS-6, DISPLACEMENT 638 CU. IN.		CANOPY, FRAME, FRONT	INST'N	11614945
BORE AND STROKE, 4.75 X 6.00 IN. COMPRES-		CANOPY, FRAME, REAR	INST'N	11614938
SION RATIO 17.5:1 FUELS DIESEL, JP4,		COMPARTMENT, OPERATOR	INST'N	11650956
FURNACE #2		COMPARTMENT, COMPANION	INST'N	11650955
LUBE CAPACITY 26 QTS, FUEL TANK CAPAC-		AIR SYSTEM, FRONT	INST'N	11614881
ITY 106 GALLONS.		AIR SYSTEM, REAR	INST'N	11614936
BHP. MAX. GROSS 213 MAX. NET 192 @ 2200		FAN AND DRIVE	INST'N	11614965
RPM.		FAIRLEAD	INST'N	11614931
COOLING SYSTEM CAPACITY 104 QTS.		GAGE AND PANEL	INST'N	11614882
TORQUE MAX. GROSS 578 FT. LBS, MAX. NET		STENCIL AND STOWAGE	INST'N	11618351
547 @ 1550 RPM.		STOWAGE, TOOLS AND EQUIPMENT		11618101
POWER PLANT ASSY:	11681062	CONTROL, GOVERNOR	INST'N	11614810
POWER TRAIN, FRONT	INST'N 11614402	CONTROL HYD. WINCH	INST'N	11614934
POWER TRAIN, REAR	INST'N 11614403	CONTROL, PARKING BRAKE	INST'N	11620027
HITCH AND PIVOT	INST'N 11614300	CONTROL, TRANSMISSION	INST'N	11614880
AIR CLEANER, ENGINE	INST'N 11614943	CONTROL, WINCH	INST'N	11620323
RADIATOR	INST'N 11614941	HYDRAULIC OIL COOLER	INST'N	11614932
FUEL SYSTEM	INST'N 11614949	HYDRAULIC SYSTEM	INST'N	11614927
EXHAUST EXTENSION	INST'N 11614942			
LINES, VALVE AND MOTOR	INST'N 11624378	ACCESSORIES AND KITS:		
CRANE:	INST'N 11620400	PERSONNEL HEATER	INST'N	11614956
BOOM SUPPORT;	INST'N 11614930	SHIPPING AND STOWAGE KIT		11632925
		REAR CANOPY KIT		11614938
LIFTING CAPACITY:		ARCTIC KIT		11614988
AT 16 FT RADIUS, MINIMUM	10000 LBS	ARCTIC KIT, CRANE CAB		11614987
AT 11 FT RADIUS, MINIMUM	15000 LBS	GUN RING MOUNTING KIT		11614953
AT 6 FT RADIUS, MINIMUM	20000 LBS	INFRARED FILTER KIT		11624639
OUTRIGGER	INST'N 11614459	TIRE CHAIN ASSY		11632607
ELECTRICAL SYSTEM: FRONT	INST'N 11632950	PERFORMANCE: MIN. 2.5 MPH, MAX. 30.5 MPH		
24 VOLT SYSTEM, REAR	INST'N 11614992	FUEL CONSUMPTION: W/TYPE 2 DIESEL		
STARTER	M553011-2	HIGHWAY, AVERAGE		3.23 MPG,
ALTERNATOR ASSY	10929868	CRUISING RANGE:		300 MILES
WIRING DIAGRAM TRACTOR	11632955	ACCELERATION: 0 TO 20 MPH IN 12.2 SECONDS.		
WIRING DIAGRAM TRAILER	11614951			

NOTES:

1. DIMENSIONS ARE IN INCHES AND ARE SHOWN FOR ENGINEERING REFERENCE ONLY.
2. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON DATE OF INVITATIONS FOR BID.
3. THIS VEHICLE SHALL BE IN ACCORDANCE WITH REFERENCED ENGINEERING DRAWINGS, COPIES WHICH MAY BE OBTAINED FROM: US ARMY TANK-AUTOMOTIVE COMMAND, WARREN, MICH. 48098.

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MS52113-1	11614318

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PROCUREMENT SPECIFICATION MIL-T-62131	SUPERSEDES:	

MILITARY STANDARD	
MS52113(AT)	
SHEET	2 OF 2

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