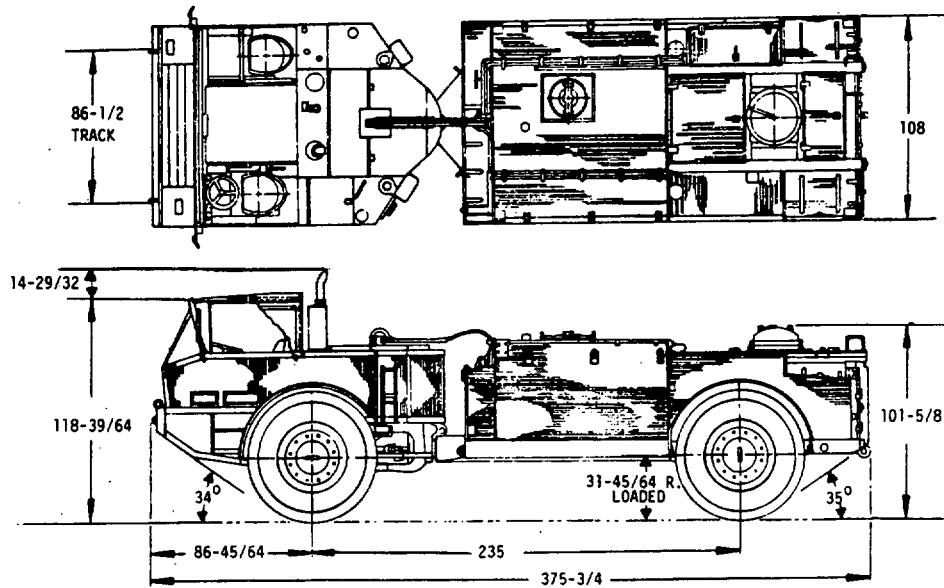


FED. SUP CLASS
2320

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.

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P. A. ARMY-AT Other Cust	INTERNATIONAL INTEREST	TITLE TRUCK, TANK, FUEL-SERVICING, 2500 GALLON, 4 X 4, MILITARY DESIGN, M 559	MS PART NO. MS52112-1	ENGINEERING DWG NO 11614319
PROCUREMENT SPECIFICATION MIL-T-62248			MILITARY STANDARD MS52112(AT)	
SUPERSEDES:			SHEET 1 OF 2	

DD FORM 672-1 LIMITED COORDINATION
1 MAY 73

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APPROVED 30 SEPT 1969 REVISED © 15 JAN 85

FED. SUP CLASS
2320

VEHICLE CHARACTERISTICS

MODEL M559, TRUCK, TANK 11614319

GROSS VEHICLE WEIGHT: FULLY EQUIPPED
 W/PAYLOAD W/PAYLOAD
 FRONT AXLE 17425 LBS 23770 LBS
 REAR AXLE 10675 LBS 22780 LBS
 TOTAL 28100 LBS 46550 LBS

TOWING CAPACITY: 20000 LBS

MINIMUM TURNING DIA: WALL TO WALL
 52.7 FT.

GENERAL:

BODY ASSY, FRONT 11614753
 BODY ASSY, REAR 11614954
 WINDSHIELD AND FRAME INST'N 11614950
 OPERATOR COMPARTMENT INST'N 11650956
 COMPANION COMPARTMENT
 INST'N 11650955
 FRONT AIR SYSTEM INST'N 11614963
 REAR AIR SYSTEM INST'N 11614952
 GAGE AND PANEL INST'N 11620146
 STENCIL AND STOWAGE INST'N 11618352
 VALVE CONTROL INST'N 11624435
 FRONT BILGE PUMP INST'N 11614878
 REAR BILGE PUMP INST'N 11624553

POWER PLANT: INST'N 11614404

ENGINE DIESEL;
 BORE AND STROKE; 4.75 X 6.00 IN. CO-
 PRESSION RATIO 17.5:1
 FUEL: DIESEL JP4, FURNACE #2
 LUBE CAPACITY 26 QTS, FUEL TANK CAP-
 ACITY 106 GALLONS.
 BHP MAX. GROSS 213 MAX. NET 192 @
 2200 RPM.
 TORQUE MAX. GROSS 578 FT. LBS, MAX
 NET 547 @ 1550 RPM.
 COOLING SYSTEM CAPACITY 104 QTS.
 POWER PLANT ASSY. 11681062
 TRANSMISSION CONTROL INST'N 11614880
 TRANSMISSION AND CASE ASSY. 11635131
 PUMP ASSY, TRANSMISSION. 11623910
 OIL FILTER ASSY. 11620782
 OIL LINES INST'N 11624192
 HARNESS ASSY, WIRING 11617914
 SUMP ASSY, OIL 11624024
 ENGINE AIR CLEANER INST'N 11614943
 FAN AND DRIVE INST'N 11614965
 V-BELT SET MS51068-30-2
 RADIATOR INST'N 11614941
 FUEL SYSTEM INST'N 11614949
 EXHAUST EXTENSION INST'N 11614942
 GOVERNOR CONTROL INST'N 11614810
 REAR HYDRAULIC INST'N 11632543
 FUEL DISPENSING INST'N 11618588
 EMERGENCY VALVE INST'N 11632592

STEERING GEAR: INST'N 11614610

STEERING PUMP, TANK AND LINES

INST'N 11614989

STEERING LINKAGE, INST'N 11614948

ELECTRICAL SYSTEM: FRONT INST'N 11632946
 ELECTRICAL SYSTEM, REAR INST'N 11614990
 SWIVEL, HYDRAULIC INST'N 11620156
 HITCH AND PIVOT INST'N 11614300
 AFBMA BR'G. REF. 93825-93125 ONE 712969
 93800-93125 TWO 712964
 ELECTRICAL CONDUIT INST'N 11632346

MIRROR: REAR VIEW TWO MS53015-2
 INST'N 11614884
 BRACKET; LH 11620896
 RH 11620887
 ARM, TWO 11620889

POWER TRAIN: FRONT INST'N 11614402
 POWER TRAIN, REAR INST'N 11614403
 DIFFERENTIAL ASSY, FRONT 11614985
 DIFFERENTIAL ASSY, REAR 11614885
 UNIVERSAL JOINT ASSY. 11621067
 CLUTCH INST'N 11615127
 AXLE ASSY; -1, -2, -3, THREE 11614876
 DRIVE AND GEAR INST'N 11614525
 DRIVE SHAFT, REAR INST'N 11633038

TIRES:

TIRE AND RIM ASSY, FOUR 11681140
 TIRE 18.00X33 TEN PLY, FOUR 11618762
 RIM ASSY; 33 X 13 FOUR 11681132
 RING WHEEL, FOUR 11681133
 HUB ASSY, WHEEL, FOUR 11614904
 DRUM, FOUR 11614906
 SPINDLE FINAL DRIVE, FOUR 11614369
 WHEEL BEARING INNER, FOUR 712647
 REF. AFBMA 68461-68712
 WHEEL BEARING, OUTER, FOUR MS19081-173
 REF AFBMA 36690-366208
 SEAL, OUTER 11614353
 RETAINER, SEAL 11614372
 SEAL, INNER 11602679

BRAKES:

ASSY, RIGHT 11614886
 ASSY, LEFT 11614887
 PARKING BRAKE CONTROL INST'N 11620027

ACCESSORIES AND KITS:

FRONT CANOPY INST'N 11614944
 FRONT CANOPY FRAME INST'N 11614945
 ARCTIC KIT 11614988
 PERSONNEL HEATER INST'N 11614956
 WARNING LIGHT KIT 11651365
 FILTER KIT INFRA RED 11624639
 FILTER SEPARATOR INST'N 11618589
 GUN RING MOUNTING KIT 11614953
 CANOPY AND FRAME KIT REAR 11624590
 TIRE CHAIN ASSY 11632607

CRUISING RANGE: ON LAND, 300 MILES

MAX. SPEED: ON LAND, 30.5 MPH
 WATER APPROX. 2.6 MPH

FORDING DEPTH: UNLIMITED

VEHICLE: AMPHIBIOUS INLAND WATERWAYS

GRADE ABILITY: 60%

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. 48090
4. SUBJECT OF NATO STANAG 2805-(EDITION 3). DO NOT REVISE OR CHANGE.

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PROCUREMENT SPECIFICATION MIL-T-62248			SHEET 2 OF 2	
SUPERSEDES:			MILITARY STANDARD MS52112(AT)	

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