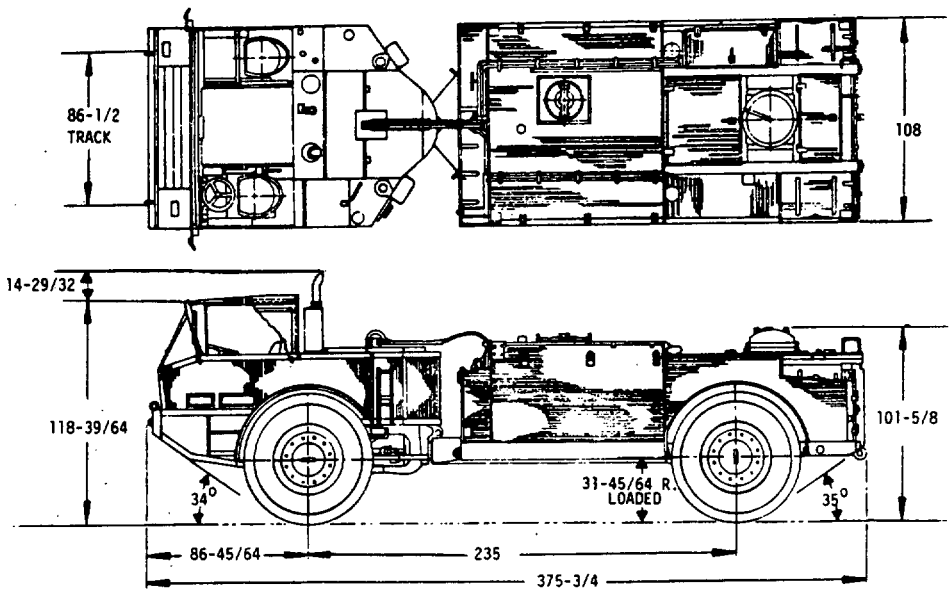


FED. SUP CLASS
2320



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.

APPROVED 30 SEPT 1969 REVISED (C) 15 JAN 85

(C) ENTIRE STANDARD REVISED

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
			MILITARY STANDARD MS52112(AT)	
PROCUREMENT SPECIFICATION MIL-T-62248	SUPERSEDES:		SHEET 1	OF 2

DD FORM 1 MAY 73 672-1 LIMITED COORDINATION

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

FED. SUP CLASS
2320

VEHICLE CHARACTERISTICS

MODEL M559, TRUCK, TANK 11614319

GROSS VEHICLE WEIGHT: FULLY EQUIPPED
WO/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
FRONT AIR SYSTEM INST'N 11650955
REAR AIR SYSTEM INST'N 11614963
GAGE AND PANEL INST'N 11614952
STENCIL AND STOWAGE INST'N 11620146
VALVE CONTROL INST'N 11618352
FRONT BILGE PUMP INST'N 11624435
REAR 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 11614948
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 OCHMAND, WARREN, MICH. 48090
4. SUBJECT OF NATO STANAG 2805-(EDITION 3). DO NOT REVISE OR CHANGE.

© ENTIRE STANDARD REVISED

MS PART NO.	ENGINEERING DWG NO
MS52112-1	11614319

P. A. ARMY-AT Other Cust	INTERNATIONAL INTEREST	TITLE TRUCK, TANK, FUEL-SERVICING, 2500 GALLON, 4 X 4, MILITARY DESIGN, M 559
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MILITARY STANDARD	
MS52112(AT)	
SHEET	2 OF 2

PROCUREMENT SPECIFICATION MIL-T-62248	SUPERSEDES:
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APPROVED 30 SEPT 1969 REVISED © 15 JAN 85

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