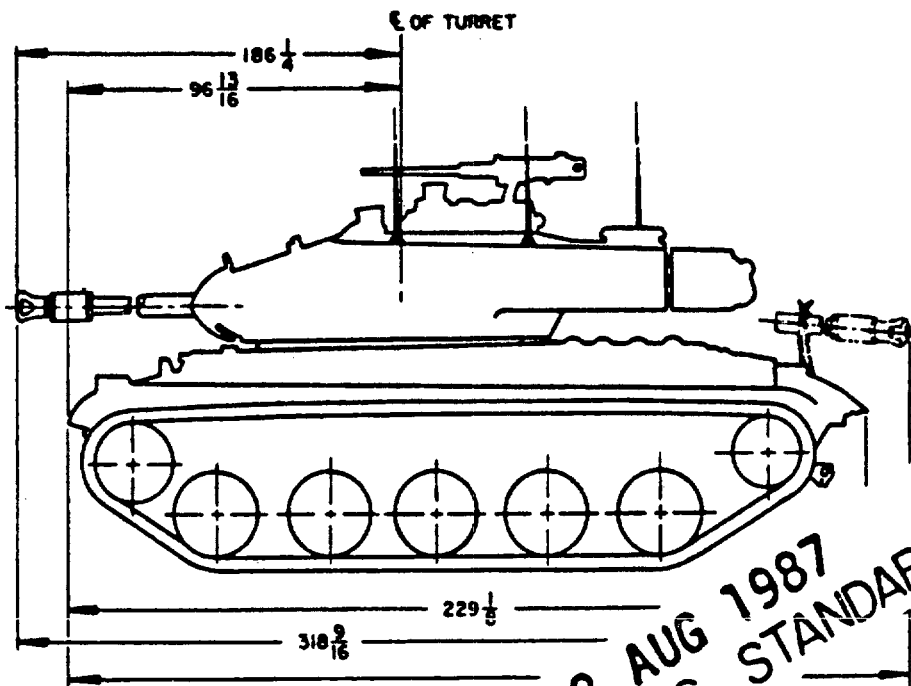
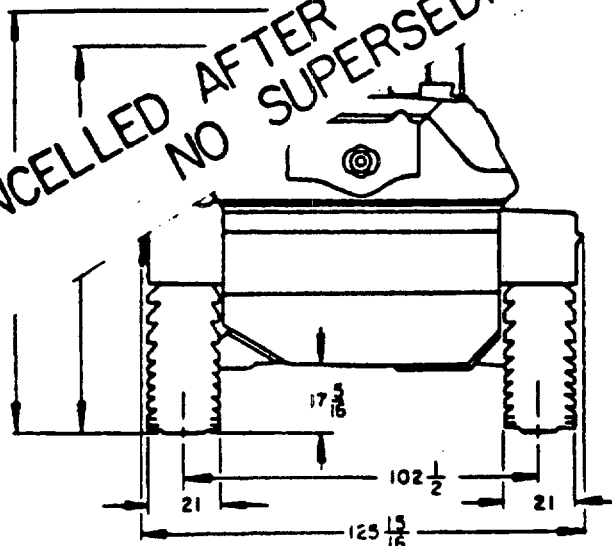


FED. SUP CLASS
2350

Ⓐ CANCELLED AFTER 28 AUG 1987
NO SUPERSEDING STANDARD.



NOTE:
ALL DIMENSIONS SHOWN ARE IN INCHES AND ARE
SHOWN FOR ENGINEERING REFERENCE ONLY.

This standard has been approved by the MOBILITY COMMAND
Department of the ARMY and is mandatory for use by
that activity. All other military activities are required
to comply with this standard where suitable.

P. A. MO. Other Cust	TITLE TANK, COMBAT, FULL TRACKED- 76MM GUN, M41A2	MS PART NO. MS 53056 -1 DRAWING NO. F 8736131 MILITARY STANDARD MS 53056 (MO) SHEET 1 OF 2
PROCUREMENT SPECIFICATION MIL-T-10401	SUPERSEDES	

FED SUP CLASS
2350

VEHICLE CHARACTERISTICS

GENERAL

WEIGHT (COMBAT LOADED) APPROX. 51,000 LBS.
CREW 4
WEIGHT (LESS CREW, STORAGE AND FUEL) 44,691 LBS.
CENTER OF GRAVITY 45.275 IN. ABOVE GROUND 87.517
IN. FROM CENTER LINE OF SPROCKETS
UNIT GROUND PRESSURE 9.7 LBS/SQ. INCH
TURRET RING 73 IN. DIAMETER (INSIDE)

VISION AND SIGHTING EQUIPMENT

PERISCOPE (VISION) DRIVER'S	TYPE M17	QTY. 4
PERISCOPE (VISION) LOADER'S	TYPE M13	QTY. 1
SIGHT, PERISCOPE COMMANDER'S	TYPE M20A1	QTY. 1
SIGHT, PERISCOPE GUNNER'S	TYPE M20A1	QTY. 1
SIGHT, TELESCOPE	TYPE M97	QTY. 1
QUADRANT, ELEVATION	TYPE M9	QTY. 1
QUADRANT, GUNNER'S	TYPE M1	QTY. 1

ARMAMENT

PRIMARY GUN, 76 MM, M32 (T91E3), IN MOUNT M76A1
RECOIL MECH. TYPE CONCENTRIC
TRAVERSE, RIGHT 360° LEFT 360° RATE 6 RPM
POWER, TYPE HYD. ELECTRIC MANUAL TYPE GEAR TRAIN
ELEVATION +19° 45' DEPRESSION -9° 45'
RATE 240° PER MIN.
STABILIZER SYSTEM, NONE LOADING, MANUAL

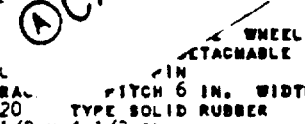
SECONDARY ARMAMENT

- 1 MG. CAL. 50 MB, M2E1 COAXIAL W/76 MM GUN
TRAVERSE, 360° ELEVATION +19° -9° 45'
OR
1 MG. CAL. 30 M1919A4E1 COAXIAL W/76 MM GUN
TRAVERSE, 360° ELEVATION +19° -9° 45'
- 1 MG. CAL 50 MC M2 FLEX. TURRET ROOF
MT., TRAVERSE, 360° ELEVATION +6°
OTHER
1 SMG. CAL. .45, M3A1, CARBIN

AMMUNITION

57 RDS. 76 MM 600 RD.
2175 RDS. CAL. 50 COAX.
4900 RDS. CAL. 30 COAX.
OTHER: 8 GRENADE

RUNNING GEAR

SUSPENSION,  WHEEL SIZE 25 1/2 IN.
NO. OF WHEELS, 6
TRACK, TYPE, DETACHABLE RUBBER PADS,
CENTER CL. 1 IN.
NO. SHOES/TRAIL, PITCH 6 IN. WIDTH 21 IN.
TIRES: No. 20 TYPE SOLID RUBBER
SIZE 25 1/2 x 4 1/2 IN.

ELECTRICAL SYSTEM

NOMINAL VOLTAGE 24 VOLTS
GENERATOR, MAIN, AMPERES 150 PART No. 8724633
GENERATOR, AUX., AMPERES 300 PART No. 7402334
BATTERY, MS 35000-4 QTY. 4, TYPE 6 TN; 12 V,
100 AMP. MRS.
IGNITION SYSTEM (BATTERY) MAGNETO, SCINTILLA
QTY. 2
MAGNETO, MS 51333 COIL, MS 51355-1

POWER PACKAGEENGINE

TYPE, 6 CYLINDER, HORIZONTAL OPPOSED, AIR-COOLED,
FUEL INJECTION, MS 51314-1
DISPLACEMENT 895 CU. IN. BORE 5.75 IN.
STROKE 5.75 IN.
GOVERNED SPEED 2800 RPM COMPRESSION RATIO 5.5:1
FUEL, GASOLINE, RATING, 80 OCTANE CAPACITY
140 GAL. (APPROX.)
MAX. GROSS HORSEPOWER 500 @ 2800 RPM
MAX. NET HORSEPOWER 446 @ 2400 RPM
MAX. GROSS TORQUE 955 LB. FT. @ 2400 RPM
MAX. NET TORQUE 890 LB. FT. @ 2200 RPM
MAIN COOLING SYSTEM, AIR ENG. OIL CAP. 44 QTS.
OIL COOLING SYSTEM, ENGINE MOUNTED COOLER AIR
COOLED WITH ENGINE DRIVEN FAN

POWER TRAIN

TYPE, CROSS DRIVE TRANSMISSION PART No. 7527947
HYDRAULIC CONVERTER SINGLE STAGE
STALL MULTIPLICATION 1.75
OVERALL USEABLE RATIO: 11.9
DIRECT 1:1
STEERING RATE 6.0° TO INFINITY
STEERING CO., MECHANICAL
BRAKES MOUNTED COOLER AIR
OIL COOLED WITH ENGINE DRIVEN FAN

RATIO 4.25 TO 1 FT./REV. 6
CH DIA. 23.422 NO. OF TEETH 12

FUNCTIONS

SET AM/GRC-3 OR 7 OR 6 LOCATION TURRET
BUSTLE
RADIO SET AM/GRC-3 OR 7 AND AM/GRC-3 LOCATION
(AM/ARC IN TURRET STORAGE BOX)
INTERPHONE MODEL, PART OF RADIO SET OR AM/UIC
NO. OF OUTLETS 4
EXTERNAL INTERPHONE EXTENSION KIT-MODEL AM/VIA-1

FIRE EXTINGUISHER

PART No. 7714476 FIXED TWO-10 LB. CO₂
PART No. 7714780 PORTABLE ONE 5 LB. CO₂

PERFORMANCE

GROSS HORSEPOWER TO WEIGHT RATIO 19.3 HP/TON
MAX. TRACTIVE EFFORT 44,000 LBS TE/W 85.9%
MAX. SPEED 45 MPH MAX. GRADE 60%
MAX. TRENCH CROSSING WIDTH 72 IN. MAX. VERTICAL
WALL 28 IN.
CRUISING RANGE 110 MILES W/KIT 280 MILES
MAX. FORDING DEPTH 48 IN. W/KIT TOP OF TURRET

THIS VEHICLE SHALL BE IN ACCORDANCE WITH
REFERENCED DRAWING NO. 8736131 COPY OF WHICH MAY
BE OBTAINED FROM ARMY TANK AUTOMOTIVE CENTER,
DETROIT ARSENAL, CENTER LINE, MICHIGAN, ATTN:
STANDARDIZATION BRANCH.

P. A. MO.

Other Cust

TITLE

TANK, COMBAT, FULL TRACKED-
76MM GUN, M41A2

MILITARY STANDARD

MS 53056 (MO)

PROCUREMENT SPECIFICATION

ML-T-10401

SUPERSEDES

SHEET 2

This standard has been approved by the MOBILITY COMMAND
Department of the ARMY and is mandatory for use by
that activity. All other military activities are required
to employ this standard where suitable.