



VEHICLE CHARACTERISTICS

WEIGHT:
 COMBAT LOADED 50,261 LB
 LESS FUEL, CREW AND OVE 43,500 LB
 AIR TRANSPORTABLE 40,775 LB

ENGINE:
 4 STROKE TURBOCHARGED DIESEL
 903 CU IN V8 500 HP @ 2600 RPM
 FUEL CAPACITY 175 GAL

TRANSMISSION:
 HYDROMECHANICAL AUTOMATIC

PERFORMANCE:
LAND SPEED
 FORWARD 40 TO 45 MPH
 REVERSE 5 TO 10 MPH
 CRUISING RANGE 300 MI MIN
 SLOPE 60%
 SIDE SLOPE 40%
 TRENCH CROSSING 100 IN
 VERTICLE OBSTACLE 36 IN
 WATER SPEED WITH TRACK 4.5 MPH MIN
 FORDING DEPTH 36 TO 48 IN
 TURNING RADIUS PIVOT TO INFINITE
 GROUND PRESSURE COMBAT LOADED 7.7 PSI

RADIO AND COMMUNICATIONS:
 AN/VCR-46, AN/GCR-160

ARMAMENT:
 TURRET (2 MEN)
 25 MM AUTOMATIC CANNON, DUAL FEED SYSTEM, EXTERNALLY POWERED, M242
 7.62 MM MACHINE GUN, M240
 TOW ANTITANK WEAPON DUAL LAUNCHER
 SQUAD (7 MEN)
 M231 (6) SMG BALL MOUNTED IN FIRING PORTS

AMMUNITION:
 25 MM 300 READY, 600 STOWED
 7.62 MM (M240) 660 READY, 1540 STOWED
 7.62 MM (M60) 2200 STOWED
 5.56 MM (FIRING PORT) 4200 STOWED ROUNDS,
 SPACE FOR 1800 READY ROUNDS
 5.56 MM (M16A1) 2520 STOWED
 TOW MISSILES 2 IN LAUNCHER
 TOW/DORAGON MISSILES 5 STOWED,
 ANY COMBINATION
 LAW (M72A2) 3 STOWED

BASIC KITS & DRAWINGS:
 WINDSHIELD KIT 12298236
 WINTERIZATION KIT 12293243
 PREPARATION FOR DELIVERY 12328552
 AIR TRANSPORT KIT 12307303
 CLOSURE KIT 12349601
 SUSPENSION RESTRAINT KIT 12307315

- 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. 48397-5000.

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P. A. ARMY-AT Other Cust	INTERNATIONAL INTEREST	TITLE VEHICLE, FIGHTING, INFANTRY M2A1 WITH TOW AND EXTERNALLY POWERED WEAPON
PROCUREMENT SPECIFICATION NONE	SUPERSEDES:	

MS PART NO. MS 52276-1	ENGINEERING DRAWING NO. 8750134
MILITARY STANDARD	
MS52276(AT)	
SHEET 1	OF 1

APPROVED 20 OCT 86 REVISED