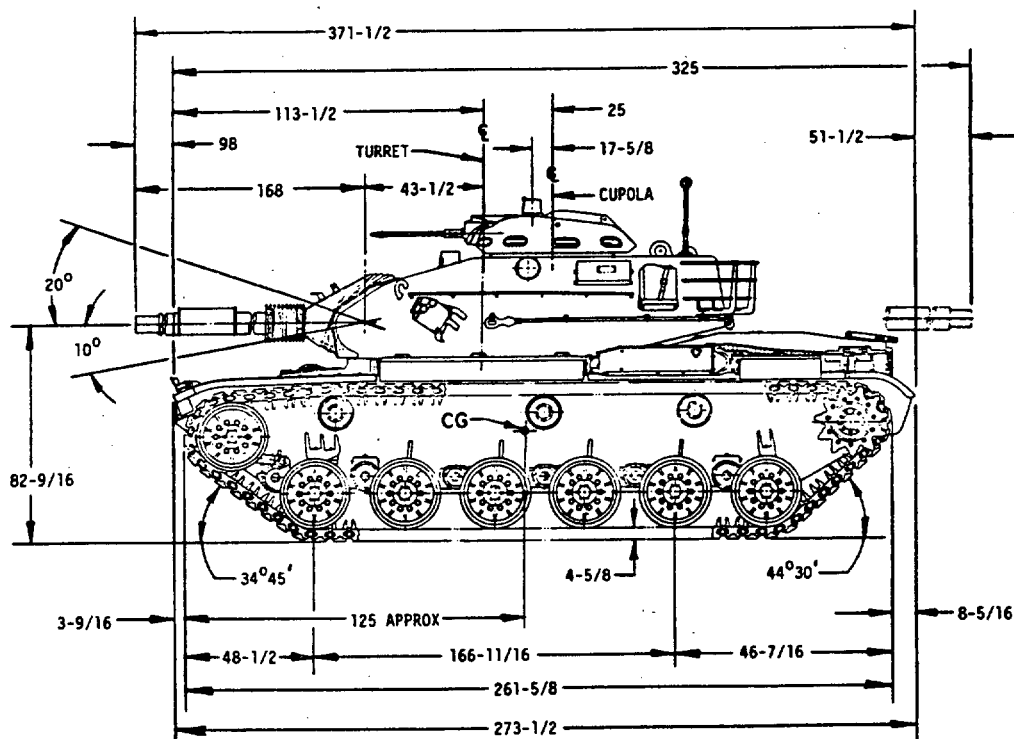
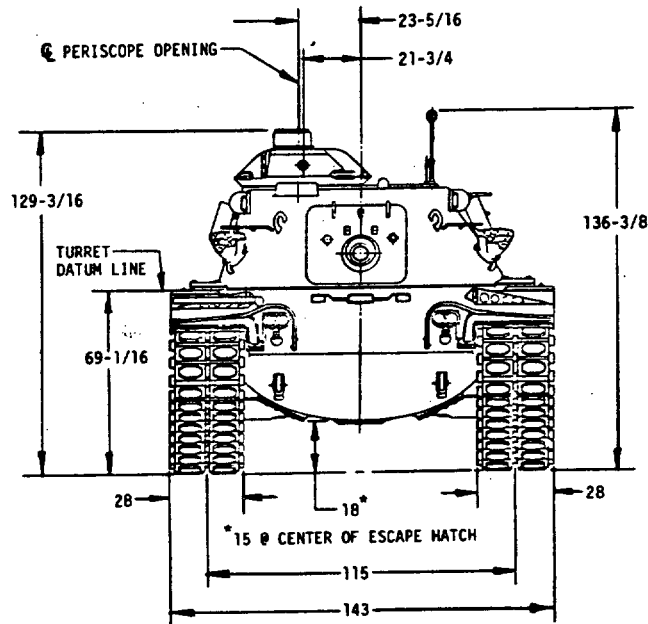


FED. SUP CLASS  
2350

|             |                         |
|-------------|-------------------------|
| MS PART NO. | ENGINEERING DRAWING NO. |
| MS 52219-1  | 8750019                 |

|               |                        |   |
|---------------|------------------------|---|
| P. A. ARMY-AT | INTERNATIONAL INTEREST | TITLE   |
| Other Cust    |                        | TANK, COMBAT, FULL TRACKED<br>105 MM GUN, M60A3<br>WITH THERMAL SIGHT |

MILITARY STANDARD  
MS52219(AT)PROCUREMENT SPECIFICATION  
MIL-T-45379 A SUPERSEDES:

SHEET 1 OF 2

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APPROVED 26 AUG 85 REVISED A 16 JUN 87

FED. SUP CLASS  
2350

## VEHICLE CHARACTERISTICS

## LIST OF EQUIPMENT:

|  |          |
|--|----------|
| BASIC ISSUE ITEMS                      | 12291031 |
| INTEGRAL COMPONENTS OF ITEMS           | 12291034 |
| ADDITIONAL AUTHORIZED LIST             | 12291033 |
| EXPENDABLE SUPPLIES AND MATERIALS LIST | 12291032 |

## VEHICLE INSTALLATION DRAWINGS:

|                  |          |
|------------------|----------|
| CHASSIS ASSEMBLY | 12270890 |
| TURRET ASSEMBLY  | 9337884  |

## SPECIFICATIONS:

|                                   |             |
|-----------------------------------|-------------|
| VEHICLE SHIPMENT AND STORAGE SPEC | MIL-T-45309 |
|-----------------------------------|-------------|

## REFERENCE DOCUMENTS:

|                                    |          |
|------------------------------------|----------|
| CHART, PRODUCTION LUBRICATION      | 11674298 |
| DIAGRAM, STRAP                     | 11674297 |
| CHART, TORQUE                      | 10940607 |
| TRANSPORTABILITY CLEARANCE DIAGRAM | 12251869 |

## WEIGHT:

|                       |             |
|-----------------------|-------------|
| FULLY EQUIPPED APPROX | 114,000 LBS |
|-----------------------|-------------|

## ENGINE: AVDS-1790-2CA

|  |                    |
|--|--------------------|
| V-12, COMPRESSION IGNITION, AIR COOLED |                    |
| GROSS HP                               | 750 BHP @ 2400 RPM |

## TRANSMISSION:

|                             |            |
|-----------------------------|------------|
| CROSS DRIVE                 | CD-850-6A1 |
| 2 SPEEDS FORWARD, 1 REVERSE |            |

## VEHICLE ACCESSORY KITS:

|                          |          |
|--------------------------|----------|
| KIT, WATER FORDING, ARMY | 11655621 |
| KIT, WATER FORDING, USMC | 11655622 |
| KIT, DOZER               | 8750001  |

## PERFORMANCE:

|                              |        |
|------------------------------|--------|
| MAX VEHICLE SPEED            | 30 MPH |
| CRUISING RANGE APPROX        | 300 MI |
| MAX GRADE ABILITY ASCENDING  | 60%    |
| MAX GRADE ABILITY DESCENDING | 60%    |
| MAX FORDING ABILITY WO/KIT   | 48 IN  |
| VERTICAL OBSTACLE ABILITY    | 36 IN  |
| MAX TRENCH WIDTH CROSSING    | 102 IN |

## ARMAMENT:

|                                      |         |
|--------------------------------------|---------|
| 1 GUN, MACH, M240 TANK               | 7.62 MM |
| 2 GUN, SUB MACH, M3A1 (US ARMY ONLY) | 45 CAL  |
| 1 GUN, MACH, M85 (CUPOLA TYPE)       | 50 CAL  |
| 1 GUN,                               | 105 MM  |
| 1 RIFLE, M16A1 (USMC ONLY)           | 5.56 MM |

## AMMUNITION:

|                            |             |
|----------------------------|-------------|
| 7.62 MM (MG)               | 5950 ROUNDS |
| CAL .45 (SMG)              | 360 ROUNDS  |
| CAL 50 (MG)                | 940 ROUNDS  |
| 5.56 MM (RIFLE)(USMC ONLY) | ROUNDS      |
| 105 MM                     | 63 ROUNDS   |
| GRENADES                   | 8           |

## CREW:

|                    |  |
|--------------------|--|
| COMMANDER, DRIVER, |  |
| GUNNER, LOADER     |  |

## COMMUNICATION EQUIPMENT:

|                             |             |
|-----------------------------|-------------|
| ARMY                        |             |
| OPTIONAL RADIOS             | AN/VRC-12   |
|                             | AN/VRC-46   |
|                             | AN/VRC-64   |
| SUPPRESSOR INSTALLATION KIT | SM-D-627931 |
| INTERCOM                    | AN/VIC-1    |
| USMC                        |             |
| RADIO                       | AN/VRC-44   |
| SUPPRESSOR INSTALLATION KIT | SM-D-627931 |
| INTERCOM                    | AN/VIC-1    |
| VOICE SECURITY UNIT         | TSEC/KY-38  |

## 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-AUTOMOTIVE COMMAND, WARREN, MICH. 48397-5000.

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| P. A. ARMY-AT | INTERNATIONAL INTEREST |
| Other Cust    |                        |

TITLE

TANK, COMBAT, FULL TRACKED  
105 MM GUN, M60A3  
WITH THERMAL SIGHT

|             |                         |
|-------------|-------------------------|
| MS PART NO. | ENGINEERING DRAWING NO. |
| MS 52219-1  | 8750019                 |

MILITARY STANDARD

MS52219(AT)

|                           |             |
|---------------------------|-------------|
| PROCUREMENT SPECIFICATION | SUPERSEDES: |
| MIL-T-45379               | (A)         |

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