The Family of Medium Tactical Vehicles (FMTV) provides the U.S. Army’s backbone for tactical unit mobility and logistics support throughout the battlefield. These vehicles are considered the most sophisticated off-road, multi-purpose military tactical vehicles in use, and are capable of operating worldwide on primary and secondary roads, as well as on trails and cross-country in weather extremes from -50°F (-46°C) to +120°F (49°C).

Product Numbers
LIN T93484
NSN 2320-01-447-4938

**KEY FEATURES**
- Full-time all-wheel drive
- Fully automatic transmission
- Electronic Central Tire Inflation System (CTIS)
- Anti-lock Braking System (ABS)
- Interactive Electronic Technical Manuals (IETM)
- Fully MANPRINT compliant
- C-130 air transportable at GVW
- U.S. Army proven ultra-reliability
- Family of 16+ vehicles with 80% commonality
- U.S. Army certified 22-year corrosion protection
- Highest proven reliability of any tactical vehicle

The FMTV A1 R M1079 A1 2.5 ton Van
### VEHICLE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Measurement</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>261.4 in (6,639 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>Height</td>
<td>138.9 in (3,529 mm)</td>
</tr>
<tr>
<td>For Air Transport</td>
<td>105.5 in (2,680 mm)</td>
</tr>
<tr>
<td>Ground Clearance</td>
<td></td>
</tr>
<tr>
<td>Loaded</td>
<td>32 in (813 mm)</td>
</tr>
<tr>
<td>Under Axle</td>
<td>14.4 in (365 mm)</td>
</tr>
<tr>
<td>Approach/Departure Angle</td>
<td>40°/37°</td>
</tr>
<tr>
<td>Vehicle Curb Weight with Fuel</td>
<td>19,601 lb (8,891 kg)</td>
</tr>
<tr>
<td>Payload</td>
<td>5,000 lb (2,268 kg) plus kits</td>
</tr>
<tr>
<td>Towed Load</td>
<td>12,000 lb (5,443 kg)</td>
</tr>
<tr>
<td>Maximum Speed</td>
<td>58 mph (94 km/h)</td>
</tr>
<tr>
<td>Range, 58 gal (219 L) nominal</td>
<td>300+ mi (483+ km)</td>
</tr>
<tr>
<td>Maximum Grade/Side Slope</td>
<td>60%/30%</td>
</tr>
<tr>
<td>Turning Circle</td>
<td></td>
</tr>
<tr>
<td>Curb-to-Curb</td>
<td>61.7 ft (18.8 m)</td>
</tr>
<tr>
<td>Wall-to-Wall</td>
<td>65.7 ft (20 m)</td>
</tr>
<tr>
<td>Fording, without Kit</td>
<td>30 in (762 mm)</td>
</tr>
</tbody>
</table>

### EQUIPMENT SPECIFICATIONS

#### Brakes:
- **Primary**: Dual-Circuit, Four Channel Air, Anti-Lock Braking System (ABS) with Trailers ABS Connectors for Emergency Towing
- **Supplemental**: Air Actuated, Driver Controlled Exhaust Brake

#### Central Tire Inflation System, Eaton:
- Cab-Mounted Electronic Controls, Operable while Driving Highway, Cross-Country, Air Transport, Sand/Mud/Snow, and Emergency Modes

#### Diagnostics, Interactive Electronic Technical Manuals (IETM):
- Class V Intrusive Diagnostics, SAE J1708/J1939 Data Buses to Diagnose All (4) Unique Electronic Control Modules (ECM)

#### Engine:
- **Caterpillar C7**: Heavy Duty Diesel, 6-Cylinder, Electronic Controlled, Fuel-Injected Turbocharged and Aftercooled, EPA Certified
  - **Rating**: 275 hp (205 kW) @ 2200 rpm
  - **Displacement**: 441 cu in (7.2 L)
  - **Torque**: 860 lb-ft (1,166 Nm) @ 1440 rpm
  - **Fuel**: Diesel, DF-2, JP-4, JP-8, V-V-F-800
  - **Oil**: MIL-L-2104D, MIL-L-46167, 22 qt (21 L)

#### Transmission:
- **Allison 3700SP**: Automatic/Select 7-speed, Electronically Controlled

#### Axles:
- **ArvinMeritor Front and Rear Axles**
  - **Carrier**: Single Reduction, Ambidirectional
  - **Wheel End**: Bevel Wheel End Reduction, Ratio 2:1
  - **Overall Axle Gear Ratio**: 7.8:1
  - **Front Axle Steering Angle**: 35°

#### Electrical:
- **System**: 12/24 volt, EMI/HAEMP Qualified, Resettable Circuit Breakers, Central Power Distribution Panel, Battery and Charging Management System
- **Alternator**: 260 amp, 12/24 volt, Waterproof, EMI/RFI Suppressed
- **Starter Instrumentation**: SAE J1708 Data Bus Driven Instrument Cluster

#### Tires:
- **Michelin 395/85R20XML All-Terrain**

### FOR MORE INFORMATION CONTACT:

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