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 T41203
NSN 2320-01-447-3887

**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
**FMTV A1 R M1084 A1**

5.0 ton Standard Cargo with MHE

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**VEHICLE SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>312.3 in (7,933 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>Height:</td>
<td></td>
</tr>
<tr>
<td>Operational</td>
<td>112 in (2,845 mm)</td>
</tr>
<tr>
<td>For Air Transport</td>
<td>105.5 in (2,680 mm)</td>
</tr>
<tr>
<td>Height-Pintle:</td>
<td></td>
</tr>
<tr>
<td>Unloaded</td>
<td>36 in (905 mm)</td>
</tr>
<tr>
<td>With Payload</td>
<td>32.4 in (824 mm)</td>
</tr>
<tr>
<td>Wheel Base:</td>
<td>161.4 in (4,100 mm)</td>
</tr>
<tr>
<td>Ground Clearance:</td>
<td></td>
</tr>
<tr>
<td>Loaded</td>
<td>22 in (559 mm)</td>
</tr>
<tr>
<td>Under Axle</td>
<td>14.4 in (365 mm)</td>
</tr>
<tr>
<td>Approach/Departure Angle:</td>
<td>40°/27°</td>
</tr>
<tr>
<td>Vehicle Curb Weight with Fuel:</td>
<td>24,656 lb (11,184 kg)</td>
</tr>
<tr>
<td>Payload</td>
<td>10,000 lb (4,536 kg) plus kits</td>
</tr>
<tr>
<td>Towed Load</td>
<td>21,000 lb (9,526 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>70.5 ft (21.5 m)</td>
</tr>
<tr>
<td>Wall-to-Wall</td>
<td>76.5 ft (23.3 m)</td>
</tr>
<tr>
<td>Fording, without Kit:</td>
<td>30 in (762 mm)</td>
</tr>
</tbody>
</table>

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**EQUIPMENT SPECIFICATIONS CONTINUED**

**Engine:**
- Caterpillar C7 Heavy Duty Diesel, 6-Cylinder, Electronic Controlled, Fuel Injected Turbocharged and Aftercooled, EPA Certified
- Rating: 330 hp (246 kW) @ 2400 rpm
- Displacement: 441 cu in (7.2 L)
- Torque: 860 lb-ft (1,166 Nm) @ 1440 rpm
- Oil: MIL-L-2104D, MIL-L-46167, 22 qt (21 L)

**Transmission:**
- Allison 3700SP Automatic/Select 7-speed, Electronically Controlled
- Full-Time
- All-Wheel Drive: Integral Transfer Case Normal Operation 30% Torque Front Wheels, 70% Torque Rear Wheels; Off-Road, Equal Front and Rear
- Oil: MIL-L-2104D, MIL-L-46167, 31.8 qt (30 L)

**Axles:**
- ArvinMeritor Front, Intermediate, and Rear Axles Carrier Single Reduction, Ambloid-Gearing 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: 24 volt Waterproof
- Instrumentation: SAE J1708 Data Bus Driven Instrument Cluster

**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)

**Suspension:**
- Front: Parabolic-Tapered Leaf Spring with Coil over Hydraulic Shock Absorbers
- Rear: Tandem Axles Parabolic-Tapered Leaf Spring with Hydraulic Shock Absorbers and Stabilizer Bar

**Transportability/Deployability:**
- Internally: Air-transportable by C-130, C-141, C-17, and C-5A at GVW
- Externally: Transportable by CH-53 Helicopters

**Self Recovery Winch:**
- (Optional) 15,500 lb (7,031 kg) Rating, 280 ft (85.3 m) Line Capacity, Fore/Aft Recovery Positions

**Cargo Bed:**
- Inside Cargo Bed: 170 in x 91 in (4,318 x 2,311 mm)
- Ladder: Integral, Stowed
- Construction: All steel, E-COAT Rustproofing, Dropside with Side Rail Storage
- Options: Troop Seats, Stowable Composite; Bows and Tarp Kit

**Material Handling Equipment:**
- Crane: Loads/Unloads Cargo Bed and Trailer, Hydraulic Operation 2,500 lb (1,134 kg) Lift at 14 ft (4.3 m), 5,000 lb (2,268 kg) at 7 ft (2.1 m), Includes Stabilizers and Local/Remote Controls

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**FOR MORE INFORMATION CONTACT:**

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