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 vehicle 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 T60081
NSN 2320-01-447-6343

**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

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### VEHICLE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>257.2 in (6,534 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>Height - Operational</td>
<td>112 in (2,845 mm)</td>
</tr>
<tr>
<td>Height - 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>33.5 in (851 mm)</td>
</tr>
<tr>
<td>Wheel Base</td>
<td>153.5 in (3,900 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˚/37˚</td>
</tr>
<tr>
<td>Vehicle Curb Weight with Fuel:</td>
<td>17,214 lb (7,808 kg)</td>
</tr>
<tr>
<td>Payload</td>
<td>5,000 lb (2,268 kg)</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>400+ mi (645+ 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

**Cab:**
- Design: 3-Man, Ergonomically Adjustable Driver Seat and Steering Wheel
- Steering: Power Assisted, Recirculating Ball
- Suspension: 8 cu ft
- 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
  - 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 and Rear Axles
  - Carrier: Single Reduction, Amboid-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
- Tires: Michelin 395/85R20XML All-Terrain

**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)

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- Axles: ArvinMeritor Front and Rear Axles
  - Carrier: Single Reduction, Amboid-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
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  - Starter: 24 volt Waterproof
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- Tires: Michelin 395/85R20XML All-Terrain

### FOR MORE INFORMATION CONTACT:

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