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 T61239
NSN 2320-01-447-3893

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

GLOBAL TACTICAL SYSTEMS
## VEHICLE SPECIFICATIONS

<table>
<thead>
<tr>
<th>Specification</th>
<th>Measurement</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length</td>
<td>270 in (6,859 mm)</td>
</tr>
<tr>
<td>Width</td>
<td>96 in (2,438 mm)</td>
</tr>
<tr>
<td>Operational Height</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>Plow Height (Pintle)</td>
<td>36 in (905 mm)</td>
</tr>
<tr>
<td>With Payload</td>
<td>34 in (864 mm)</td>
</tr>
<tr>
<td>Height Wheel (5th Wheel)</td>
<td>62.2 in (1,580 mm)</td>
</tr>
<tr>
<td>With Payload</td>
<td>58.4 in (1,484 mm)</td>
</tr>
<tr>
<td>Wheel Base</td>
<td>161.4 in (4,100 mm)</td>
</tr>
<tr>
<td>Ground Clearance 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°/70°</td>
</tr>
<tr>
<td>Curb Weight with Fuel</td>
<td>19,654 lb (8,915 kg)</td>
</tr>
<tr>
<td>Payload, 5th Wheel</td>
<td>25,000 lb (11,340 kg) plus kits</td>
</tr>
<tr>
<td>Vertical Load</td>
<td>25,000 lb (11,340 kg) plus kits</td>
</tr>
<tr>
<td>Towed Load</td>
<td>63,000 lb (28,576 kg)</td>
</tr>
<tr>
<td>Maximum Speed</td>
<td>58 mph (94 km/h)</td>
</tr>
<tr>
<td>Range (295 L nominal)</td>
<td>300+ mi (483+ km)</td>
</tr>
<tr>
<td>Maximum Grade/Slope</td>
<td>60%/30%</td>
</tr>
<tr>
<td>Turning Circle Curb</td>
<td>65.6 ft (20.0 m)</td>
</tr>
<tr>
<td>Wall-to-Wall</td>
<td>69.6 ft (21.2 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
- Storage: 8 cu ft

### 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) @ 1,440 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-4617, 31.8 qt (30 L)

### Axles:
- ArvinMeritor: Front, Intermediate 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:
- Goodyear 395/85R20 All-Terrain

### 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)

### Suspension:
- 3-Point Rubber Isolator

### Vehicle Curb Weight with Fuel:
- 19,654 lb (8,915 kg)

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

### Fifth Wheel:
- Holland-Siding Full Oscillating, 36 in (914 mm) diameter, with Forks and Semi-automatic Lock for SAE J700 2.0 in (51 mm) Kingpin

### Vertical Load:
- 25,000 lb (11,340 kg) Rating