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
VEHICLE SPECIFICATIONS

Length: 257.2 in (6,534 mm)
Width: 96 in (2,438 mm)
Height: 112 in (2,845 mm)
For Air Transport 105.5 in (2,680 mm)
Height–Pintle: Unloaded 36 in (905 mm)
With Payload 33.5 in (851 mm)
Wheel Base: 153.5 in (3,900 mm)
Ground Clearance: Loaded 22 in (559 mm)
Under Axle 14.4 in (365 mm)
Approach/Departure Angle: 40˚/37˚
Vehicle Curb Weight with Fuel: 17,214 lb (7,808 kg)
Payload: 5,000 lb (2,268 kg) plus kits
Towed Load: 12,000 lb (5,443 kg)
Maximum Speed: Governed, at Gross Weight 58 mph (94 km/h)
Range, 58 gal (219 L) nominal: 400+ mi (645+ km)
Maximum Grade/Side Slope: 60%/30%
Turning Circle: Curb-to-Curb 61.7 ft (18.8 m)
Wall-to-Wall 65.7 ft (20 m)
Fording, without Kit: 30 in (762 mm)

EQUIPMENT SPECIFICATIONS

Cab: 3-Man, Ergonomically Adjustable Driver Seat and Steering Wheel
Steering Power Assisted, Recirculating Ball
Storage 8 cu ft
Suspension 3-Point Rubber Isolator

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, VV-F-800
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)

Axes:
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, EM/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

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:
Front Parabolic-Tapered Leaf Spring with Coil over Hydraulic Shock Absorbers
Rear 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-47 and CH-53 Helicopters

Self Recovery Winch:
(Optional) 11,000 lb (4,990 kg) Rating, 280 ft (85.3 m) Line Capacity,
Fore/Aft Recovery Positions

Cargo Bed: Inside Cargo Bed 149 in x 91 in (3,784 x 2,311 mm)
(3,784 x 2,311 mm)
Ladder Integral, Stowed All Steel,
Construction E-COAT Rustproofing,
Options Troop Seats, Stowable Composite;
Bows and Tarp Kit

Material Handling Equipment,
Crane (Optional):
Loads/Unloads Cargo Bed and Electric Operation,
1,500 lb (680 kg) Lift at 4 ft (1.2 m)

FOR MORE INFORMATION CONTACT:

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