

TXD 1085

5.0 ton Long Cargo

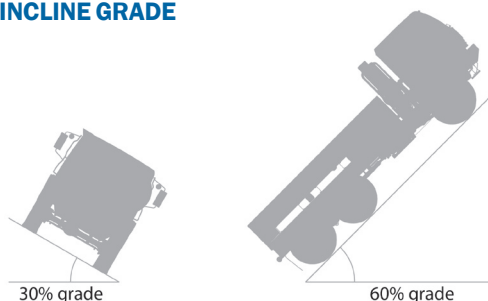
OVERVIEW

Used by the U.S. military for many years, these vehicles are considered the most sophisticated off-road, multi-purpose tactical vehicle in use, and are capable of operating anywhere in the world 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).

ENGINE OPTIONS

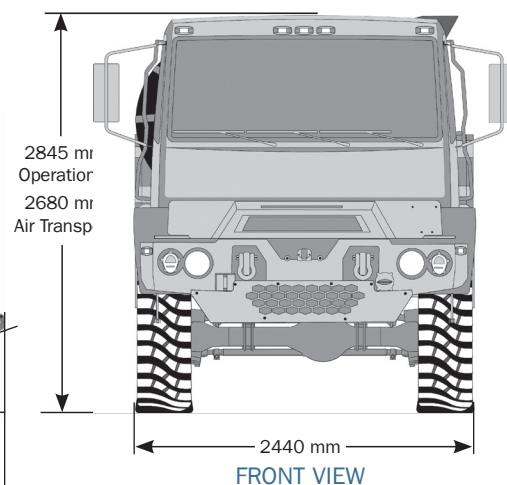
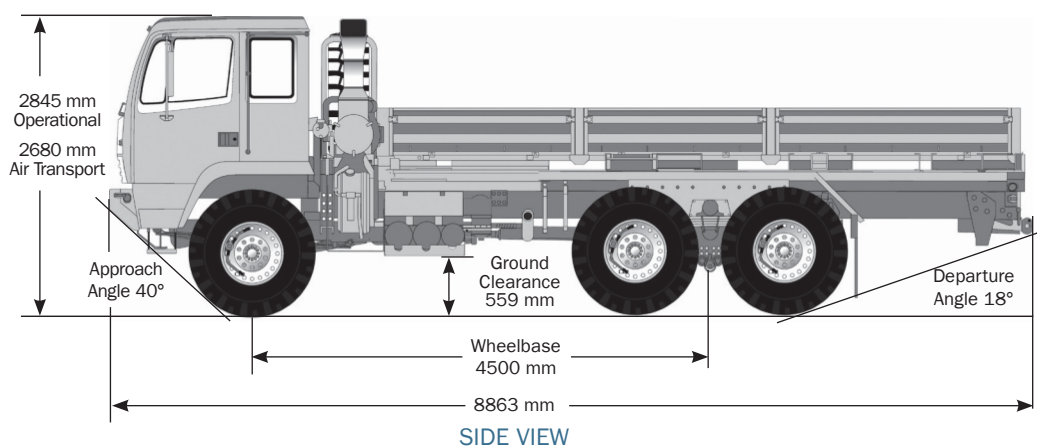
- Caterpillar C7
- Cummins ISB 2010
- CE compliant configuration available

INCLINE GRADE



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
- 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

Length:	348.9 in (8,863 mm)
Width:	96 in (2,438 mm)
Height:	
Operational	112 in (2,845 mm)
For Air Transport	105.5 in (2,680 mm)
Height-Pintle:	
Unloaded	36 in (905 mm)
With Payload	32.6 in (829 mm)
Wheel Base:	177 in (4,500 mm)
Ground Clearance:	
Loaded	22 in (559 mm)
Under Axle	14.4 in (365 mm)
Approach/Departure Angle:	40°/18°
Vehicle Curb Weight with Fuel:	21,706 lb (9,846 kg)
Payload:	10,000 lb (4,536 kg) plus kits
Towed Load:	21,000 lb (9,526 kg)
Maximum Speed:	
Governed, at Gross Weight	58 mph (94 km/h)
Range, 58 gal (219 L) nominal:	300+ mi (483+ km)
Maximum Grade/Side Slope:	60%/30%
Turning Circle:	
Curb-to-Curb	70.5 ft (21.5 m)
Wall-to-Wall	76.5 ft (23.3 m)
Fording, without Kit:	30 in (762 mm)

EQUIPMENT SPECIFICATIONS

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

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
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)
Axles:	ArvinMeritor Carrier Wheel End	Front, Intermediate, and Rear Axles Single Reduction, Amboid-Gearing 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
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
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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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Suspension:	
Front	Parabolic-Tapered Leaf Spring with Coil over Hydraulic Shock Absorbers
Rear	Tandem Axles with Parabolic-Tapered Leaf Spring with Hydraulic Shock Absorbers and Stabilizer Bar

Self Recovery Winch: (Optional)	15,500 lb (7,031 kg) Rating, 280 ft (85.3 m) Line Capacity, Fore/Aft Recovery Positions
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Cargo Bed:	
Inside Cargo Bed	244 x 91 in (6,204 x 2,311 mm)
Ladder Construction	Integral, Stowed All steel, E-COAT Rustproofing, Dropside with Side Rail Storage
Options	Bows and Tarp Kit

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

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