

Caiman Light 4x4

FMTV Multi-Role Protected Vehicle

Based on the ultra-reliable Family of Medium Tactical Vehicles (FMTV) platform and the combat-proven Low Signature Armored Cab (LSAC), the Caiman family of vehicles incorporates the demonstrated performance of these components into a survivable protected vehicle designed to defeat current and emerging threats on today's battlefield. The high level of parts common to the FMTV and the Caiman 6x6 ensures that the Caiman Light 4x4 will maintain the same levels of readiness, mobility, serviceability and worldwide support as the 53,000 FMTVs and trailers already fielded.



KEY FEATURES

- Electronic stability control – standard
- 5-man MRAP – survivability at 2/3 the weight of the Caiman
- 25.7 ft turning radius curb-to-curb
- Optional rear steering, less than 20 ft radius
- Excellent mobility and proven reliability
- Multiple tire options supported
- 85% parts commonality with standard FMTV models
- Enclosed stowage outside crew cab reduces cab armor weight
- Improved human factors clearances
- Protection systems against threats included direct fire, IED fragment/blast and mine blast
- EFP protection kit available

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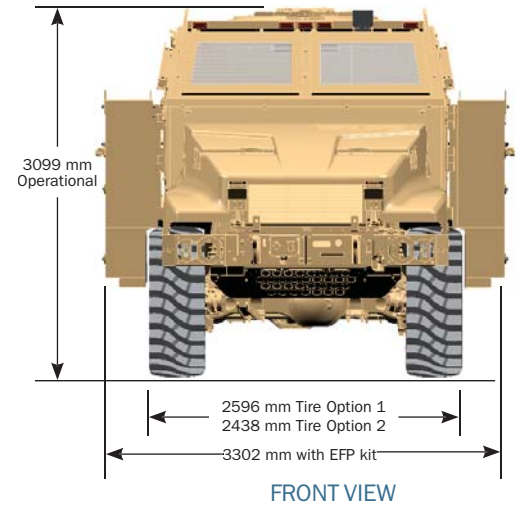
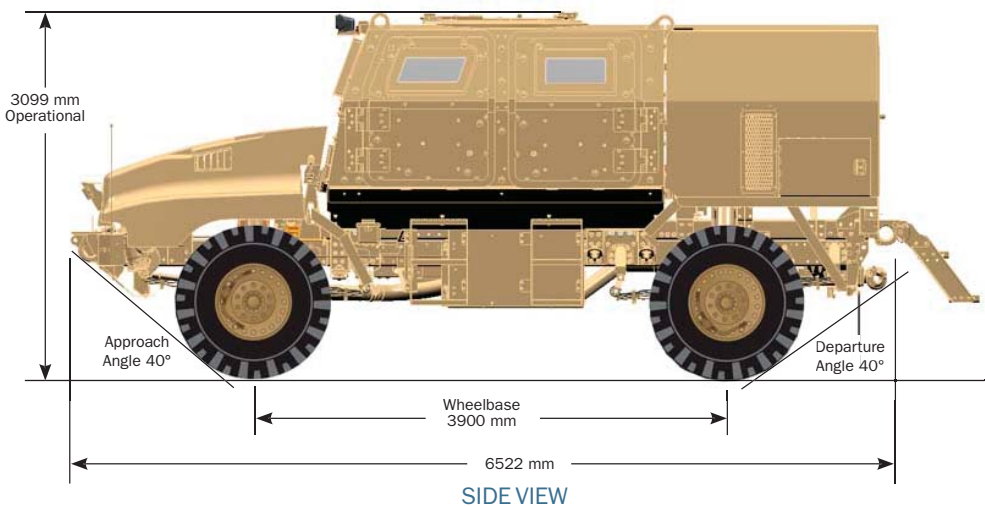
VEHICLE SPECIFICATIONS

Length:	6,522 mm (257 in)
Width:	
Tire Option 1	2,596 mm (102 in)
Tire Option 2	2,438 mm (96 in)
Height:	
Operational with EFP Protection	3,099 mm (122 in) 3,302 mm (130 in)
Height-Pintle:	
At Curb Weight	914 mm (36 in)
Wheel Base:	3,900 mm (154 in)
Approach/Departure Angle:	40°/40°
Vehicle Curb Weight with Fuel:	13,835 kg (30,500 lb)
GVWR:	19,505 kg (46,000lb)
Towed Load:	5,443 kg (12,000 lb)
Maximum Speed:	
Governed, at Gross Weight	105 km/h (65 mph)
Range:	
At 72 kph(45 mph)	660 km (410 mi)
Maximum Grade/Side Slope:	60%/30%
Turning Radius, Tire Option 1:	
Curb-to-Curb	7.8 m (25.7 ft)
Wall-to-Wall	8.5 m (28 ft)
Fording, without Kit:	915 mm (36 in)

EQUIPMENT SPECIFICATIONS

Cab:	Armor Protected 4-Door 5 Crew Cab, Gunner Platform Converts to 5th Seat, Automatic Fire Extinguishing System	
Engine:	Caterpillar C7 Heavy Duty Diesel, 6-Cylinder, Fuel-Injected Turbocharged and Aftercooled, EPA Certified	
Rating	276 kW (370 hp) @ 2400 rpm	
Torque	1,262Nm (931 lb-ft) @ 1440 rpm	
Fuel	Diesel, DF-2, JP-4, JP-8, VV-F-800	
Transmission:	Allison 3700SP Automatic/Select 7-speed, All-Wheel Drive Integral Transfer Case Normal Operation 30% Torque Front Wheels, 70% Torque Rear Wheels; Off-Road, Equal Front and Rear	
Axles:	ArvinMeritor R611 Front and Rear Axles	
Overall Axle Gear Ratio	6.14:1	
Front Axle Steering Angle	38°	
Brakes:	Primary Dual-Circuit, Four Channel Air, Front Air Disc/Rear Air Drum Brakes, Electrical Stability Control (ESC) with Traction Control (TC) and Anti-Lock Braking System (ABS) with Trailers ABS Connectors for Emergency Towing	
Supplemental	Air Actuated, Driver Controlled Exhaust Brake	

Fuel Tank:	Self-sealing and Fire Suppression Mounted Between Frame Rails, Net Capacity 284 L (75 gal)
Electrical: System	12/24 volt, EMI/HAEMP Qualified, Resettable Circuit Breakers, Central Power Distribution Panel, Battery and Charging Management System
Alternator Starter	570 amp, 24 volt, Waterproof 24 volt Waterproof
Instrumentation	SAE J1708/J1939 Data Bus Driven
Central Tire Inflation System, Eaton:	Cab-Mounted Electronic Controls, 4 Modes Operable while Driving
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:	Parabolic-Tapered Leaf Spring with Coil over Hydraulic Shock Absorbers, Kingpin Mount Coil/Shocks
Tires:	
Option 1:	Michelin 475/80R20XML All-Terrain
Option 2:	Goodyear 395/85R20 MV/T All Terrain
Runflat Devices:	Single Molded Piece with Integral Beadlock



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