

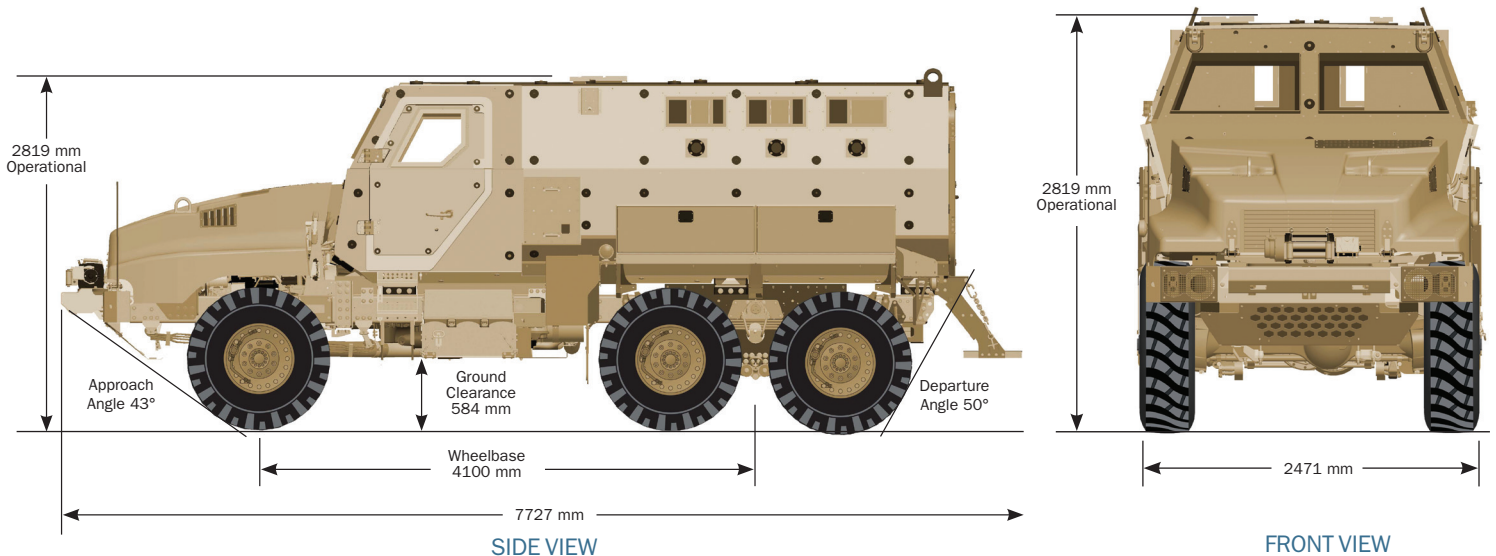
# Caiman 6x6

## 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 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 commonality with the FMTV ensures that the Caiman will maintain the same levels of readiness, mobility, serviceability, and worldwide support as the 40,000 plus FMTVs already fielded.

### KEY FEATURES

- 10-man crew capacity
- Armoring enhancement capable
- Accepts all types of manned and remote weapons stations
- 85% parts commonality with standard FMTV models
- Full-time all wheel drive
- Fully automatic transmission
- Electronic Central Tire Inflation System (CTIS)
- Anti-lock Braking System (ABS)
- Class V Interactive Electronic Technical Manuals (IETM)



# Caiman 6x6

## FMTV Multi-Role Protected Vehicle

### VEHICLE SPECIFICATIONS

Length:	7,727 mm (304 in)
Width:	2,471 mm (97 in)
Height:	
Operational	2,819 mm (111 in)
Height-Pintle:	
Unloaded	905 mm (36 in)
With Payload	824 mm (32.4 in)
Wheel Base:	4,100 mm (161 in)
Ground Clearance:	
Loaded	584 mm (23 in)
Under Axle	357 mm (14 in)
Approach/Departure Angle:	43°/50°
Vehicle Curb Weight with Fuel:	
	16,825 kg (37,092 lb)
Payload:	2,450 kg (5,400 lb)
Towed Load:	5,443 kg (12,000 lb)
Maximum Speed:	
Governed, at Gross Weight	105 km/h (73 mph)
Range, 280 l (74 gal) nominal:	645 km (401 mi)
Maximum Grade/Side Slope:	60%/30%
Turning Circle:	
Curb-to-Curb	18.8 m (61.7 ft)
Wall-to-Wall	20 m (65.5 ft)
Fording, without Kit:	915 mm (36 in)

### EQUIPMENT SPECIFICATIONS

Cab:	Armor Protected 2-10 Crew Cab
Steering	Power Assisted, Recirculating Ball
Engine:	
Caterpillar C7	Heavy Duty Diesel, 6-Cylinder, Electronic Controlled, Fuel-Injected Turbocharged and Aftercooled, EPA Certified
Rating	246 kW (330 hp) @ 2400 rpm
Displacement	7.2 (441 cu in)
Torque	1,166 Nm (860 lb-ft) @ 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, 30 (31.8 qt)
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	6.14:1
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	400 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
Runflat Devices:	Single Molded Piece with Integral Beadlock

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	Tandem Axles with Parabolic-Tapered Leaf Spring with Hydraulic Shock Absorbers and Stabilizer Bar
Transportability/Deployability:	
Internally	Air-transportable by the C-17, C-5, and A400M
Self Recovery Winch:	
(Optional)	Electric, 8,165 kg (18,000 lb)

### FOR MORE INFORMATION CONTACT:

BAE Systems  
 5000 I-10 West  
 Sealy, TX 77474 USA  
 Telephone 281-856-0139  
 Toll Free 866-390-1944  
 Fax 979-885-7910  
 Email sales.mhv@baesystems.com  
 www.baesystems.com

This document gives only a general description of the product(s) or services and except where expressly provided otherwise shall not form part of any contract. From time to time, changes may be made in the products or the conditions of supply. BAE Systems reserves the right to change product specifications without prior notice.