

Type: Carrier, Personnel, Armored, 4x4 *Nomenclature:* **Force Protection Cheetah**

Country: US *Date of Introduction:* 2006

Physical Data:

Weight Empty	14000 lb (6356 kg)
Weight Loaded	24000 lb (10896 kg)
Length (est hull)	212 in (5381 mm)
Width (OA)	88 in (2235 mm)
Height (OA)	89 in (2260 mm)
Ground Clearance	unk
Wheel Base	138 in (3510 mm)
Wheel Tread	73 in (1853 mm)
Drive	4x4
Armor	Proof -7.62mm
NBC Protection	Central

Armament:

Main – Cal	As fitted by user
Elevation & traverse	n/a
Fire Control	n/a
Aux wpn – Cal	Crew sidearms

Capacity:

Fuel	Diesel
Ammo/Qty	unk
Crew/Passengers	2-4
Cargo Vol/Weight	10000 lb (4540 kg)

Engine:

Type	Diesel
HP at Rev/Min	275 hp (203 kW) @ 2500 rpm

Model	QSB
Mfr	Cummins
No. of Cyls	-
Location	Front
Cooling	Liquid

Transmission:

Type	Automatic
Speeds Fwd/Rev	-
Model	2500
Mfr	Allison

Suspension System:

Type	Coil & leafspring
Wheels Steerable	Front axle
Turning Radius	30 ft (9.2 m)
No of wheels	4
Tire Size	3.65x80/R20

General Data:

Elec Voltage	24V
Radio	As fitted by user

Night Vision Devices: n/a

Performance:

Speed/Land	89 mph (143 km/h)
Speed/Water	n/a
Range	700 mi (1126 km)
Fording Depth	36 in (914 mm)
Max Grade	70%
Trench Crossing	unk
Step	unk



Remarks: One of a series of mine protected vehicles developed as private ventures, the Force Protection Cheetah is a 4x4 multi-mission light armored protected vehicle of conventional design with four-wheel drive, engine at the front and the crew encased in a mono-coque V shaped hull. External lightweight armor, internal spall liners and blast suppression material provide additional protection. The vehicle is designed to protect against heavy mines (16.5-33 lbs {7.5 to 15 kg} of explosives) detonated under the vehicle body or wheels. Protection is also provided against improvised explosive devices (IED). The basic ve-

Above: Prototype Force Protection Cheetah. (Photos: Force Protection Industries, Inc.)

hicle is bullet resistant to 7.62 cal. weapons, although it can be upgraded to protect against larger calibers, including .50 cal Armor Piercing. Two vehicles can be transported inside a C-130 Hercules.

Usage: Prototype only, no production orders as of early 2007.

Manufacturer: Force Production Industries, Inc. Ladson, SC 29456.