Type: Vehicle, Reconnaissance  
Nomenclature: Gaucho LSV  
Country: Argentina/Brazil  
Date of Introduction: 2006

Physical Data:
Weight:
Empty .................. 3,304 lbs (1500 kg)
Loaded .................. 4,626 lbs (2100 kg)
Length (OA) ............. 163 in (4150 mm)
Width (OA) ............. 83.5 in (2120 mm)
Height (OA) ............. 67 in (1700 mm)
Ground Clearance ........ 14 in (360 mm)
Wheel Base ............. 110 in (2800 mm)
Wheel Tread ................... 
Drive .................. 4x2 or 4x4
Armor .......................... 
NBC Protection ...... Individual

Armament:
Main – Cal ................ (1) 7.62 mm LMG  
or (1) .50 cal (12.7 mm) HMG
Model ..............................
Elevation .................. Manual
 Traverse .................... Manual
Fire Control .....................
Aux wpn – Cal .................

Capacity:
Fuel .......................... Diesel
Ammo/Qty ..........................
Crew/Passengers ...... 3 to 4

Engine:
Type .......... Turbo charged inline diesel
HP at Rev/Min .....................
Model ................ T CA
Mfr ................ MWM
No. of Cyls ............... 4
Location ............... Front
Cooling ......... Liquid

Transmission:
Type .................. Manual w/2-spdc
transf case
Speeds Fwd/Rev .... 4/1
Model ..............................
Mfr ..............................

Suspension System:
Type .................. Independent coil
Wheels Steerable .......... Front pair
Turning Radius ....................... No of total wheels ........ 4
Tire Size ..........................

General Data:
Elec Voltage ...................... 12V

Night Vision Devices:
Driver .................. Individual
Commander ............. Individual
Gunner ............... Individual

Performance:
Speed/Land .......... 74.5 mph  
(120 km/h)
Range ............. 311 mi (500 km)
Fording Depth .... 19.5 in (500 mm)
Max Grade .......... 60%
Trench Crossing ............... 16.5 in (420 mm)

Remarks: Started in 2004, introduction of the "Gaucho", a Light Strike Vehicle (LSV) for the Argentine and Brazilian armies occurred on 25 April 2006. The vehicle has characteristics similar to LSVs used by US and UK units during the Gulf War in 1991; and will complete reconnaissance, air assault, command and control, transport and evacuation missions. Air transportable the Gaucho was constructed with parts available in Brazil and Argentina, allowing for reduced development time and production costs. The diesel-powered prototype has a frame of tubular construction with built in roll cage, and selective 4x4 or 4x2 drive. While the independent suspension allows movement on varied surfaces. Argentina was responsible for the design and construction of the chassis, engine mounts, transmission, steering and suspension. After the first evaluation, in June of 2005 the vehicle was flown to Rio de Janeiro, there the Brazilian military engineering department developed and installed the brake system, engine, transmission and transfer case, as well as the cooling system, electrical system, fuel, armament and accessories.

Usage: Two prototypes have been completed, with full production for Argentina and Brazil to start in 2006.

Manufacturer: (Brazil) Technological Center of the Army (CTEx). (Argentina) Dirección de Investigación Desarrollo y Producción de la Army.