

PKSV

Peace Keeping Security Vehicle

The Peace Keeping Security Vehicle (PKSV) is specifically designed to provide protected mobility for Global Peace Keeping Operations. Able to transport 10 passengers plus equipment, the PKSV will perform troop transport, command and control, ambulatory, and recovery missions.





FEATURES AND SPECIFICATIONS

General

Occupant	Driver and 9 fully equipped personnel
Curb Weight	25,000 lbs 11,340 kg
GVWR	32,000 lbs 14,515 kg
Height	101 in 256 cm
Width	103.1 in 261.9 cm
Length	248 in 630 cm

Mobility

Top Speed	65 mph 105 km/h
Acceleration	0-30 mph 12.5 sec
	0-55 mph 44 sec
Range	375 miles 600 km
Approach	45°
Departure	0°
Side Slope	0% 16.7°
Gradeability	60% 31°
Ground Clearance	13.8 in 35 cm
Turning Circle (Curb/Curb)	55.8 ft 17 m
Fording	36"

Systems

- Climate Control System
 - HVAC (21,000 BTU)
- Electrical/Power Systems
 - 200 Amp Alternator, 24VDC
- Batteries
 - 2 X 12V Wired for 24V
- Doors/Hatches
 - Rear Crew Double Door
 - 2 Topside Hatches
- Fuel Tanks
 - Ballistic Enclosure
- Trailer Compatibility
 - M101, 104, 149, 200, 1082, 1101 or smaller

Transportability

- Air
 - C17, C5, C130, and C-141
 - Antonov AN-70, Antonov AN-124, Airbus A400M, Ilyushin Il-76

Optional configuration vehicles

- Command and Control
- Ambulance
- Recovery
- Custom – C-IED, EOD, etc.

Key characteristics

Engine	Caterpillar C7 Engine
Power	330 hp (220 kW) @ 2,400 rpm
Torque	860 ft lbs (1166 N m) @ 1,450 rpm
Transmission	Allison 3200 SP
Transfer Case	R. Cushman – 2 Sp 4x4 with neutral
Front Axle	Solid Axle (18k) with Differential Lock
Rear Axle	Solid Axle (18k) with Differential Lock
Tires	365/80 R20
Runflats	3 Piece Bolted Assembly

Survivability

- Base Structure
 - Steel Monocoque
- Weapons Capability
 - 12.7mm forward Machine Gun Mount and 7.62mm rearward Machine Gun Mount
- Mine Blast/IED Protection
 - Up to STANAG Level 4 and Level 4+ with Add-on Armor
- Direct Fire/Fragmentation
 - Up to STANAG Level 2 and Level 4 with Add-on Armor
- Add-on Armor
 - Internal/Spall Liner and External Options to Include EFP and RPG

Optional Equipment

- AFES
 - Automated Engine & Crew Systems
- 570 Amp Alternator, 24VDC
- Primary Weapon Turret
 - Compatible with common NATO weapons from 5.56mm through 12.7mm
- EA Seating, Blast Mats, and Restraint Options
- Interior/Exterior Stowage
- Radio
 - Per Requirement at Dash or on Rack behind Co-Driver
- Gunner Stands
 - Per Requirement at Both Weapons Positions
- GVWR 36,000 lbs
 - Facilitated with 395/80R20 Tire Option
- Independent Suspension System with Central Tire Inflation System
- Self Recovery Winch
- Remote Weapon Station (RWS)
- CASEVAC Options
 - Litter Accommodations
- Mission Systems Equipment
 - Modular interior allows for reconfiguration to accommodate a wide range of communication, C-IED, stowage options, and other mission specific equipment