

LIGHT COMBAT TACTICAL ALL-TERRAIN VEHICLE

L-ATV



INNOVATION DRIVES FORWARD




The Oshkosh Defense® Light Combat Tactical All-Terrain Vehicle (L-ATV) is the next-generation light combat vehicle delivering an unprecedented combination of protection, transportability, mobility and life cycle value.

Whether traveling over hazardous terrain or unpaved roads, the L-ATV's digitally-controlled engine maintains steady and reliable power that forces rely on to keep their missions moving.

Advanced, Efficient Digitally-Controlled Engine

- Greater versatility and efficiency
- Improved fuel economy in both idle and operational modes
- Power train adapts to different operating conditions
- Greater versatility and efficiency
- Optimized engine power-to-weight ratio to provide superior acceleration, mobility and speed on grade capability



Built with the capability to serve as a highly mobile and protected command center, the L-ATV hosts a complete C4ISR network solution while maintaining its payload, performance, protection and off-road mobility.

**NET
READY**

Bringing the network to the mission.

- In-house C4ISR engineering and integration experts with unique understanding of vehicle design
- C4 mechanical, electrical and user interface factored into vehicle designs to reduce integration time and optimize overall system performance
- Wired for current and future C4ISR systems on the production line, ready for the mission on delivery
- Integrated network allows the vehicle systems to operate independently or as part of a common operational picture
- Easily reconfigure vehicle systems in the field to meet demands of the evolving battlefield with mission expansion packages


TAK-4i™ intelligent independent suspension system delivers full control and maneuverability in the most extreme environments.



TAK-4i™ Intelligent Independent Suspension System *

- 20 inches (508 mm) of wheel travel for improved off-road mobility
- Adaptable suspension can be raised and lowered to meet transportability and mobility requirements using interior controls
- Unprecedented levels of off-road performance
- High-performance disc brake solution

* Patent pending



The Oshkosh Core1080™ crew protection system applies advanced components and materials and a fully-integrated systems engineering process to improve survivability and give troops the confidence they need to complete their missions.



Core1080™
Crew Protection System

- Off-road mobility and power to escape high-threat situations
- Advanced hull designs optimize survivability against a full range of threats
- Blast protected seats, restraints and stowage minimize crew impact
- An integrated system designed to absorb and deflect blast energy
- Automatic fire suppression systems
- Plug and play integration of situational awareness systems



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