
JLTV
Joint Light Tactical Vehicle
Lockheed Martin delivered twenty-two EMD design Joint Light Tactical Vehicles (JLTV) to provide the U.S. Army and Marine Corps with the best value and most capability at an affordable price.

Designed as a more capable and survivable replacement for many of the current Army and Marine Corps HMMWV “Humvees,” the Lockheed Martin JLTV is systems engineered to return crucial protection, mobility and transportability to Soldiers and Marines. In refining its JLTV EMD design, the Lockheed Martin team optimized a vehicle already proven in testing during the program’s previous Technology Development phase. The result is a lighter, more blast-resistant and more agile JLTV that maintains the proven force protection, mobility, transportability and reliability of the earlier model, while significantly reducing weight and cost.

BAE Systems is responsible for providing the JLTV’s armored cabs and the vehicle’s innovative geometrically enhanced protection system, a design that enables levels of blast protection never before achieved in this vehicle class.

Designed-in reliability and supportability are hallmarks of the Lockheed Martin JLTV, with the result being reduced life-cycle costs. The vehicles showed exceptional reliability and superior fuel efficiency in more than 200,000 miles of testing.

**Variants**

The JLTV program creates a family of vehicles consisting of the general purpose (4-door) and utility (2-door) variants, which can be enhanced with mission kits. The variants share a high degree of commonality which reduces operations and support costs, and enhances training.

In addition to greatly improved crew protection and mobility, lower logistical support costs, higher fuel efficiency and state-of-the-art connectivity with other platforms and systems, the Lockheed Martin JLTV features a Meritor Pro-Tec™ air suspension system that contributes to outstanding off-road performance while minimizing crew fatigue. A state-of-the-art power-generation system employs an Integrated Starter Generator (ISG) to meet the current and emerging power needs of the next generation’s mission command and other advanced electronics systems.

Lockheed Martin’s commitment to supporting its products has received national recognition. The company’s award-winning experience in managing performance-based logistics programs for ground platforms has brought increased system readiness and lower ownership costs. For instance, HIMARS received two Secretary of Defense Performance Based Logistics Awards in 2006 and 2009. On November 14, 2012, the U.S. Department of Commerce chose Lockheed Martin Missiles and Fire Control as a recipient of the Malcolm Baldrige National Quality Award for performance excellence and quality achievement.

For more than three decades, Lockheed Martin has applied its systems-integration expertise to a wide range of successful ground vehicles for U.S. and allied forces worldwide. The company’s products include the combat-proven MLRS M270-series and HIMARS mobile launchers, Havoc 8x8, Common Vehicle, Light Armored Vehicle-Command and Control, Warrior Capability Sustainment Programme, Joint Light Tactical Vehicle and pioneering unmanned platforms such as the SMSS.