

# Joint Light Tactical Vehicle (JLTV)

## INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

## MISSION

Provides a family of vehicles, with companion trailers, capable of performing multiple mission roles that will be designed to provide protected, sustained, networked mobility for personnel and payloads across the full range of military operations.

## DESCRIPTION

The Joint Light Tactical Vehicle (JLTV) Family of Vehicles (FoV) is a Joint service and international program that will be capable of operating across a broad spectrum of terrain and weather conditions. The Joint services require enhanced performance, exceeding the existing High Mobility Multipurpose Wheeled Vehicle, supporting the Joint Functional Concepts of Battlespace Awareness, Force Application, and Focused Logistics. The JLTV is transportable by a range of lift assets, including rotary-wing aircraft, to support operations across the range of military operations. Its maneuverability enables operations across the spectrum of terrain, including urban areas, while providing

inherent and supplemental armor against direct fire and improvised explosive device threats.

**Payloads:** Category A–3,500 pounds, Category B–4,500 pounds, Category C–5,100 pounds

**Transportability:** Internal–C-130, External–CH-47/53, Sea–Height-restricted decks

**Protection:** Scalable armor to provide mission flexibility while protecting the force.

**Mobility:** Maneuverability to enable operations across the spectrum of terrain, including urban areas.

**Networking:** Connectivity for improved battlespace awareness and responsive, well-integrated command and control for embarked forces.

**Sustainability:** Reliable, maintainable, maximum commonality across mission role variants, onboard and exportable power, and reduced fuel consumption.

The JLTV FoV balances the “Iron Triangle” of payload, protection, and performance.

## SYSTEM INTERDEPENDENCIES

None

## PROGRAM STATUS

- **1QFY09:** Awarded three technology development contracts
- **2QFY09:** Start of work meetings
- **4QFY09:** Preliminary design reviews
- **1QFY10:** Critical design review
- **3QFY10:** Test readiness review
- **3QFY10:** Mid-point review with milestone decision authority

## PROJECTED ACTIVITIES

- **3QFY11:** Capability Development Document approved
- **4QFY11:** Milestone B, enter engineering and manufacturing development (EMD)
- **1QFY12:** Award two EMD contracts

## ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support



TECHNOLOGY  
DEVELOPMENT PHASE  
DEMONSTRATOR MODELS

Joint Light Tactical Vehicle (JLTV)

BAE Systems Land  
and Armaments

FOREIGN MILITARY SALES

None

CONTRACTORS

BAE Systems Land and Armaments  
(Santa Clara, CA)  
General Tactical Vehicle  
(Sterling Heights, MI)  
Lockheed Martin (Oswego, NY)



General Tactical Vehicles



Lockheed Martin  
Systems Integration

