

Joint Light Tactical Vehicle (JLTV)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

To provide 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 capabilities, greater than those provided by the existing High Mobility Multipurpose Wheeled Vehicle, to support the Joint Functional Concepts of Battlespace Awareness, Force Application, and Focused Logistics.

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 reviews

PROJECTED ACTIVITIES

- **3QFY10:** Milestone Decision Authority Review
- **2QFY11:** Capability Development Document (CDD) approved
- **4QFY11:** Milestone B, Enter Engineering and Manufacturing Development (EMD)
- **4QFY11:** Award two EMD contracts

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Joint Light Tactical Vehicle (JLTV)

FOREIGN MILITARY SALES

None

CONTRACTORS

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

Solutions in Payload Categories A,B & C

Payload Category A

Payload: 3,500 lbs



Payload Category B

Payload: 4,000/4,500 lbs



1 of multiple sub-configurations shown

Payload Category C

Payload: 5,100 lbs



1 of multiple sub-configurations shown

