

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 FoVs consist of two variants: Combat Tactical Vehicle and Combat Support Vehicle. 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: CTV-3,500 pounds, CSV-5,100 pounds

Transportability: Internal-C-130, External-CH-47@ Curb Weight plus 2000 lbs and CH-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

- **4QFY11:** Capability Development Document approved

PROJECTED ACTIVITIES

- **2QFY12:** Milestone B, enter engineering and manufacturing development (EMD)
- **2QFY12:** Award two full and open competition EMD contracts

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Joint Light Tactical Vehicle (JLTV)

FOREIGN MILITARY SALES

None

CONTRACTORS

To be determined for EMD

Combat Tactical Vehicle

Combat Support Vehicle



General Purpose



Utility / Prime Mover



Special Purpose



Heavy Guns Carrier



Shelter Carrier



Close Combat Weapons Carrier



Command and Control on the Move (C2OTM)

Two JLTV Variants – Multiple Mission Packages

