

Family of Medium Tactical Vehicles (FMTV)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides unit mobility/resupply, equipment/personnel transportation, and key ammunition distribution, using a family of vehicles based on a common chassis.

DESCRIPTION

The Family of Medium Tactical Vehicles (FMTV) is a system of strategically deployable vehicles that performs general resupply, ammunition resupply, maintenance and recovery, engineer support missions, and serves as weapon systems platforms for combat, combat support, and combat service support units in a tactical environment.

The Light Medium Tactical Vehicle (LMTV) has a 2.5-ton capacity (cargo, van, and chassis models) and has a companion trailer.

The Medium Tactical Vehicle (MTV) has a 5-ton capacity (cargo, long-wheelbase-cargo with and without materiel handling equipment, tractor, van, wrecker, 8.8-ton Load Handling System (LHS), 8.8-ton LHS trailer, and 10-ton dump truck models). Three truck variants and two companion trailers, with the same cube and payload capacity as their prime movers, provide air drop capability. MTV also serves as the platform for the High Mobility Artillery Rocket System (HIMARS) and resupply vehicle for PATRIOT and HIMARS. MTV operates worldwide in all weather and terrain conditions.

FMTV enhances crew survivability through the use of hard cabs, three-point seat belts, automatic braking system, and central tire inflation capability. FMTV enhances tactical mobility and is strategically deployable in C5, C17, and C130 aircraft. It reduces the Army’s logistical footprint by providing commonality of parts and components, reduced maintenance downtime, high reliability, and high operational readiness rate (more than 90 percent). FMTV incorporates a vehicle data bus and class V interactive electronic

technical manual, significantly lowering operating and support costs compared with older trucks.

Units are equipped with FMTVs at more than 68 locations worldwide; 54,835 trucks and 13,293 trailers are in field units as of June 2011. The Army developed, tested, and installed add-on-armor and enhanced add-on-armor kits, and a Low Signature Armored Cab (LSAC) for Southwest Asia. The newest armored version, the Long-term Armor Strategy (LTAS) A-Cabs are integral to new production and are being fielded. The LTAS B-kit is available. Approximately 6,000 FMTVs have been armored in Southwest Asia in support of Operation New Dawn and Operation Enduring Freedom.

SYSTEM INTERDEPENDENCIES

In this Publication

Chemical Biological Protective Shelter (CBPS) M8E1, Enhanced Q-36, High Mobility Artillery Rocket System (HIMARS)

Other Major Interdependencies

AGSE, CDBP-CP, HMMWV Replacement Interchange, LMS-788 Ops Shelter and Sensor Pallet, Other Interchange, P/M CAP, Surface Launched Advanced Medium Range Air-To-Air Missile (SLAMRAAM), USAF AN/TPS-75 Radar

PROGRAM STATUS

- 3QFY11: Government PVT of select non-wrecker Oshkosh FMTV variants to include live fire tests completed
- 3QFY11: Oshkosh FMTV trucks and companion trailers began shipping to the field

PROJECTED ACTIVITIES

- 2QFY12: Complete Government PVT of Oshkosh FMTV wrecker variant

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

Family of Medium Tactical Vehicles (FMTV)

FOREIGN MILITARY SALES

Afghanistan, Canada, Djibouti, Greece, Iraq, Jordan, Macedonia, Saudi Arabia, Singapore, Taiwan, Thailand, United Arab Emirates

CONTRACTORS

Prime:

Oshkosh Corp. (Oshkosh, WI)

Axles:

Meritor (Troy, MI)

Transmission:

Allison Transmission (Indianapolis, IN)

Engine:

Caterpillar (Greenville, SC)



FMTV with Armor Kit

	LMTV A1 Cargo	MTV A1 Cargo
Payload:	5,000 pounds	10,000 pounds
Towed load:	12,000 pounds	21,000 pounds
Engine:	Caterpillar 6-cylinder diesel	Caterpillar 6-cylinder diesel
Transmission:	Allison Transmission Automatic	Allison Transmission Automatic
Horsepower:	275	330
Drive:	4 x 4	6 x 6

