

Family of Medium Tactical Vehicles (FMTV)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

To 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 perform general resupply, ammunition resupply, maintenance and recovery, engineer support missions, and serve 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 and van models).

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, and central tire inflation capability. FMTV enhances tactical mobility and is strategically deployable in C5, C17, C141, 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, 39,663 trucks and 8,332 trailers are in field units as of June 30, 2009. 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) A1P2 cabs are now in production and are being fielded. Approximately 4,000 FMTVs have been armored in Southwest Asia in support of Operation Iraqi Freedom.

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **Current:** Installation of enhancements for the LSAC equipped FMTVs operating in Southwest Asia
- **1QFY09:** Long Term Armor Strategy (LTAS) deliveries begin

PROJECTED ACTIVITIES

- **Ongoing:** Continue full production and fielding to support Army transformation
- **3QFY09:** Competitive rebuy multi-year contract award
- **3QFY09:** First fieldings of LTAS vehicles
- **4QFY09:** Competitive rebuy multiyear contract award

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

Family of Medium Tactical Vehicles (FMTV)

FOREIGN MILITARY SALES

Jordan

CONTRACTORS

BAE Systems (Sealy, TX)

Meritor (Troy, MI)

Allison (Indianapolis, IN)

Caterpillar (Greenville, SC)

AAR Mobility Systems (Cadillac, MI)



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 Automatic	Allison Automatic
Horsepower:	275	330
Drive:	4 x 4	6 x 6

