Family of Medium Tactical Vehicles (FMTV)

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; 45,429 trucks and 10,396 trailers are in field units as of June 2010. 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 Iraqi Freedom and Operation Enduring Freedom.

SYSTEM INTERDEPENDENCIES
In this Publication
Chemical Biological Protective Shelter (CBPS), HIMARS, Surface Launched Advanced Medium Range Air-to-Air Missile (SLAMRAAM)

Other Major Interdependencies
AGSE, CBDP-CP, EQ-36, HMMWV Replacement Interchange, LMS-788 Ops Shelter and Sensor Pallet, Other Interchange, P/M CAP, USAF AN/TPS-75 Radar

PROGRAM STATUS
• **4QFY10**: Government testing of new Oshkosh FMTV

PROJECTED ACTIVITIES
• **Ongoing**: Continue full production and fielding to support Army transformation
• **1QFY11**: Complete government testing to include live fire testing
• **1QFY11**: Oshkosh FMTV deliveries begin
• **3QFY11**: Last deliveries of FMTVs
<table>
<thead>
<tr>
<th></th>
<th>LMTV A1 Cargo</th>
<th>MTV A1 Cargo</th>
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</thead>
<tbody>
<tr>
<td><strong>Payload</strong></td>
<td>5,000 pounds</td>
<td>10,000 pounds</td>
</tr>
<tr>
<td><strong>Towed load</strong></td>
<td>12,000 pounds</td>
<td>21,000 pounds</td>
</tr>
<tr>
<td><strong>Engine</strong></td>
<td>Caterpillar 6-cylinder diesel</td>
<td>Caterpillar 6-cylinder diesel</td>
</tr>
<tr>
<td><strong>Transmission</strong></td>
<td>Allison Transmission Automatic</td>
<td>Allison Transmission Automatic</td>
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<tr>
<td><strong>Horsepower</strong></td>
<td>275</td>
<td>330</td>
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<tr>
<td><strong>Drive</strong></td>
<td>4 x 4</td>
<td>6 x 6</td>
</tr>
</tbody>
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**FOREIGN MILITARY SALES**
Afghanistan, Canada, Djibouti, Greece, Iraq, Jordan, Macedonia, Saudi Arabia, Taiwan, Thailand, United Arab Emirates

**CONTRACTORS**
**Prime:** Oshkosh Corp. (Oshkosh, WI)
**Axles:** Meritor (Troy, MI)
**Transmission:** Allison Transmission (Indianapolis, IN)
**Engine:** Caterpillar (Greenville, SC)