

Distribution A: Approved for Public Release;
distribution unlimited



"Thank You"
for making such a great workhorse

M1078A1 LMTV



PM Medium Tactical Vehicles

LTC Alfred Grein
(586) 574-8665



To date, my LMTV (a.k.a. "The Pug") has provided me safe transport for
50 convoys & +5,000 miles with many more to ahead of me.



FMTV Fleet Overview



MTV LWB Cargo



MTV Cargo



MTV Cargo



LMTV Van

MTV Expansible Van



MTV Dump



MTV Wrecker



MTV Tractor



Trailer



HIMARS



MTV LHS



- 17 Truck Variants in 2 1/2 & 5 Ton Payload Class
- Expanded Application of FMTV Platform to Support Army Emerging Requirements
 - HIMARS, LHS, 10-Ton Dump, MEADS, CAMEL & Patriot Recap
- Three Truck Variants Air Drop Certified
- Reduced Parts & Service Support Requirements
- Companion Trailers Double Hauling Capacity

- Unit Resupply
- Unit Mobility
- Ammunition Resupply
- Weapons Platform
- Troop Transport



MTV GWOT Support



- AOA
 - ◆ RACK Cabs 1,855
 - ◆ LSAC Cabs 2,035
 - Appliqué Kits: 2,035
- Surge Requirements (445)
 - ◆ 248 LSAC Trucks w/appliqué
 - ◆ 192 LSAC Cabs w/appliqué
- 1,002 additional LSAC cabs
- FMTV Gunners Restraint (2,022 LSAC; 1,855 RACK)
- Counterweight bumper for M1078 Cargo with LSAC Cab and GPK





FMTV Significant Events for FY08



Continuous Capability Improvements



OIF 93% OR Rate

- FMTV A0**
- CTIS
 - 7 speed automatic
 - C-130 transportable
 - 85% commonality
 - 14 variants
 - 22 year corrosion



- FMTV A1**
- ABS
 - Class V IETM
 - 100% improved Reliability/MR
 - Open systems architecture
 - HIMARS/LHS/10 Ton dump
 - Trailers



- FMTV A1 R**
- EPA 2004
 - Improved Reliability/MR
 - Compatibility w/JTA Army
 - Expansible Van
 - Air conditioning
 - LVAD
 - Maintenance Reduction Batteries



- FMTV A1P2**
- LTAS Armoring Solution
 - Increased Load Carrying, 19K Axle
 - EPA 2007 Compliant
 - A/C
 - Maintenance Reduction Batteries
 - LMTV: Top Feed Axle 260 AMP Alternator



- FMTV A2**
- Fuel Efficient
 - Survivable
 - Reliable
 - Maintainable
 - Mobile
 - Cost Effective

- FMTV A1P2 Block 4**
- Suspension Mods
 - Powertrain Mods
 - Diagnostics
 - Increased Load Capacity
 - Increased Fuel Economy
 - Optimized Maintenance Ratio

- Block 3 Mods**
- Multiplex Wiring
 - Electronic Steering Control
 - Maintenance Reduction (Two Level)

1995-1999

1999-2004

2004-2008

2007-2009

2009-2015



Long Term Armor Strategy (LTAS)



System Description

Mission:

- To provide a vehicle configuration which is able to adapt armor based on the threat, mission or technology and provide a greater level of protection than current AoA configurations.

Characteristics:

- Factory installed, armor capable cabs, which include A/C and provide the structure for soldier-installed armor kits. Vehicle performance characteristics are not degraded w/o armor kits installed
- The B-kit armor concept allows for future armor upgrades to advanced light weight material (e.g.: ceramics, composites, etc.)
- Requirement: 1996 TWV Crew Protection Kit (CPK) ORD; 2003 FMTV ORD

Schedule

- | | | |
|--|--------|---|
| LTAS FOT complete | Nov 07 | ✓ |
| LTAS PVT complete | Dec 07 | ✓ |
| Ballistic testing complete | Dec 07 | ✓ |
| LTAS ECP A-cab contract award | Feb 08 | |
| First LTAS – equipped vehicle Delivered to Gov't | Jul 08 | |
| LTAS Variants testing | Mar 08 | |
| SER anticipated | Mar 08 | |

Fielding

- # Vehicles Fielded: None
- AR2B: 6,023 field to Compo 1 by 2d Qtr FY10 (replace RACK, 5-Ton & LSAC in Theater)
- Will begin deliveries in Jul 08

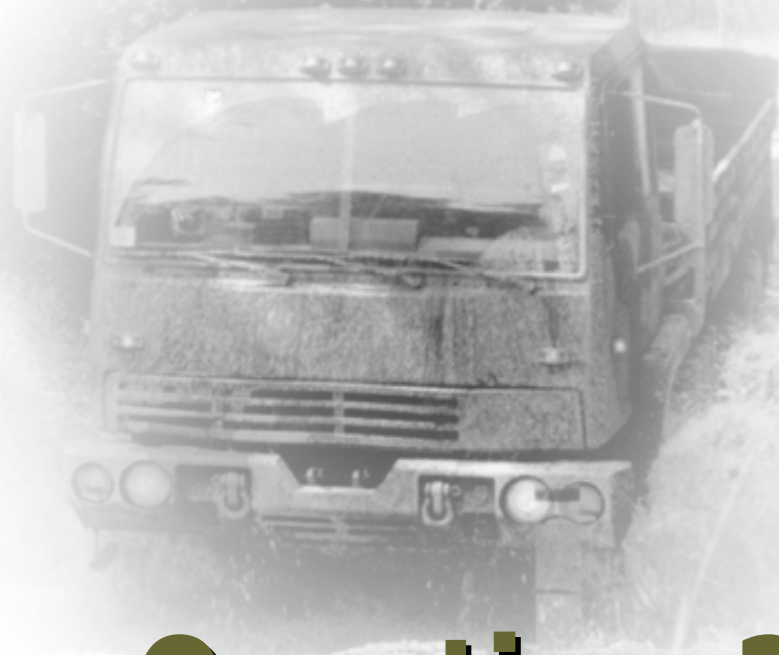


Performance/Risk

Risk:

- Improvements implemented via Tiger Team (steel wheels, combat lock, etc.)
- Contractor Logistics Support (CLS) for Initial Fieldings
- LTAS production dates based on availability of materials (e.g. Currently non-DX rating)

Risk	Performance	Schedule	Cost
Risk Level	Medium	High	Medium



Questions?