PM Heavy Tactical Vehicles

LTC Allen Johnson
(586) 574-8679

Distribution A: Approved for Public Release; distribution unlimited
Heavy Tactical Vehicles

- M977 – Heavy Expanded Mobility Tactical Truck (HEMTT) Cargo
- M985 – HEMTT Cargo w/MHC
- M978 – HEMTT Tanker, 2500 gal
- M983 – HEMTT Tractor
- M984 – HEMTT Wrecker
- M1120 – HEMTT LHS
- HEMTT A3 – Electric Hybrid Tech Demonstrator
- HEMTT A4 – LTAS + Improved Performance
- HEMTT RECAP

- M1074 – Palletized Load System (PLS) w/MHC
- M1075 – PLS Truck
- M1076 – PLS Trailer
- PLSA1 – LTAS + Improved Performance

- M1070 – Heavy Equipment Transporter System (HETS)
- M1000 – HETS Semi-trailer

- M1142 – Tactical Firefighting Truck (TFFT)
- XM1158 – HEMTT-based Water Tender (HEWATT)

- M3/M3A1 – Container Roll On/Off Platform (CROP)
- M1977 – Common Bridge Transporter (CBT)
- M14 – Improved Boat Cradle (IBC) / M15 – Bridge Adapter Pallet (CBT)

- M915 Family of Vehicles
- M915A5 – LTAS + Improved Performance
- M916 – Light Equipment Transporter (LET)
- M917 – 20 Ton Dump

- Container Handling Unit (CHU)
- M1, M1077/M1077A1 – Flat rack

- Fifth Wheel Towing Device (FWTD)
- M870A3 – 40 ton Low Boy Trailer
- M871A3 – 22.5 ton Flatbed Trailer
- M872A4 – 34 ton Flatbed Trailer
- M989A1 – HEMAT
- M967A2 – 5000 Gal Bulkhaul Tanker
- M969A3 – 5000 Gal Refueler Tanker

**AOR**
- Interim Stryker Recovery System
- External Fire Suppression
- Armor
Direct AOR Support

M915 Cab Field Kit
- Durable solution transfers AoA weight away from cab to frame rails
- Prevent cab structural and related component damage and failures
- 10 Kits installed for prove out

Fielding Summer 08

External Fire Suppression
- PM HTV responding to an ONS for external fuel tank fire suppression
- Effort is ongoing to procure kits for HEMTT, HET and M915 FOV

Fielding Summer 08

Interim Stryker Recovery
Interim Stryker Recovery System is a M983A2 LET pulling a modified Fifth Wheel Towing Recovery Device (FWTRD) and a High Mobility Recovery Trailer (HMRT). The HMRT has a 30T payload carrying capacity, the FWTRD has a 16T lift and tow capacity

18 systems scheduled for fielding

LED Headlights
- LED Headlight for the HEMTT fleet, NSN 6220-01-947-9043, and LED Headlight Assy, NSN 6220-01-549-9049
- TACOM awarded Truck Lite Spares 10 Aug for 3000 headlights 6000 headlight assys
- Current 24V system form fit for HEMTT and HMWWVs, unit workaround for other vehicles

Greater light, better durability, no vibration failures
HTV Fleet Modernization

PLS-T  Oct 2008
HEMTT A4  Jun 2008
PLS A1  Jul 2009
HETS A1  Jul 2010
M915A5  Jun 2009

Improvements: Powertrain, Suspensions, Data Bus, LTAS, Fuel Efficiency, ABS & Traction Control, Climate Control, IETMs, Commonality

Must Treat Each Like a New System!
PROGRAM “Is”:
- A Product Improvement Program (PIP)
- Implemented in New Production and RECAP (Fleet Modernization)
- First LTAS Platform for HTV, common cab w/ PLS Block 1
- COMPO 1 Allocation fielded to AOR

First Units Fielding in Oct 08!
Line Haul Replacement Strategy

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**M915A5**

- ECP Contract Mod
- PVT Vehicle Delivery
- Test
- FRP
- Deliveries

**Line Haul Replacement Program**

- CDD/CPD Approval
- Industry Day
- RFP
- Contract Award
- Test
- FRP Contract
- Deliver Test Assets
- Deliveries
HTV Significant Events for FY08

GWOT Support
- Field External Fire Suppression Kits for HEMTT, HET and M915FOV
- M915 Cab Field Kit fielding
- Interim Stryker Recovery System Testing and Fielding

Continued record production levels for all HTV product lines

Current Fleet improvement
- LED Headlights, A/C and cab reinforcements cut into HEMTTA2 production
- A/C cut into PLS production

Fleet Modernization
- HEMTT A4 and armor B-kits begin production
- PLSA1 enters testing
- M915A5 enters testing
- Enhanced Container Handling Unit enters production
- HETA1 program start

Family of Heavy Tactical Vehicles contract negotiation
Questions