

A line of heavy military vehicles, including a tank, is shown in a desert environment. The vehicles are dark-colored and appear to be part of a convoy. The background is a hazy, light-colored sky, suggesting a bright, possibly overcast day. The ground is sandy and dusty. The text is overlaid on the lower portion of the image.

PM Heavy Tactical Vehicles

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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 (FSTD)
- ◆ 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



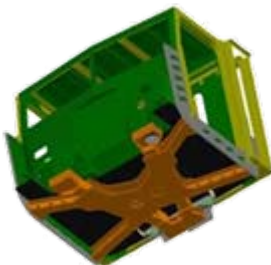


Direct AOR Support



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!

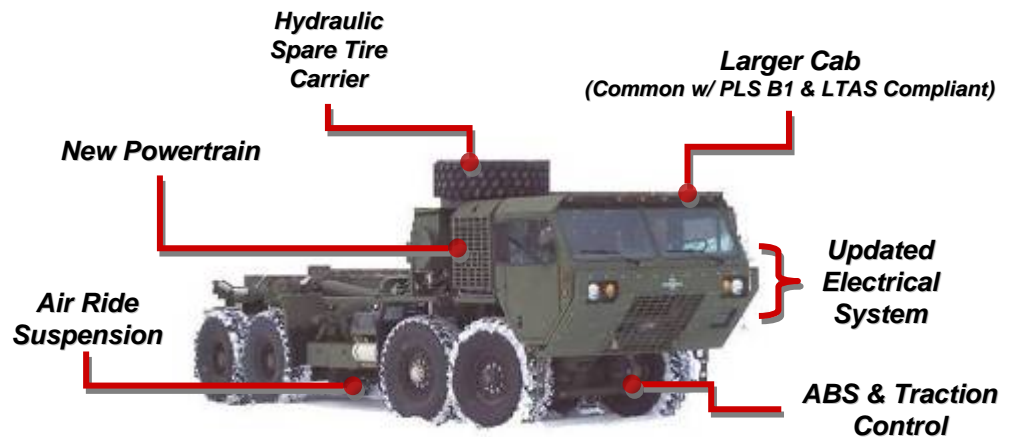


HEMTT A4 Program



PROGRAM "Is":

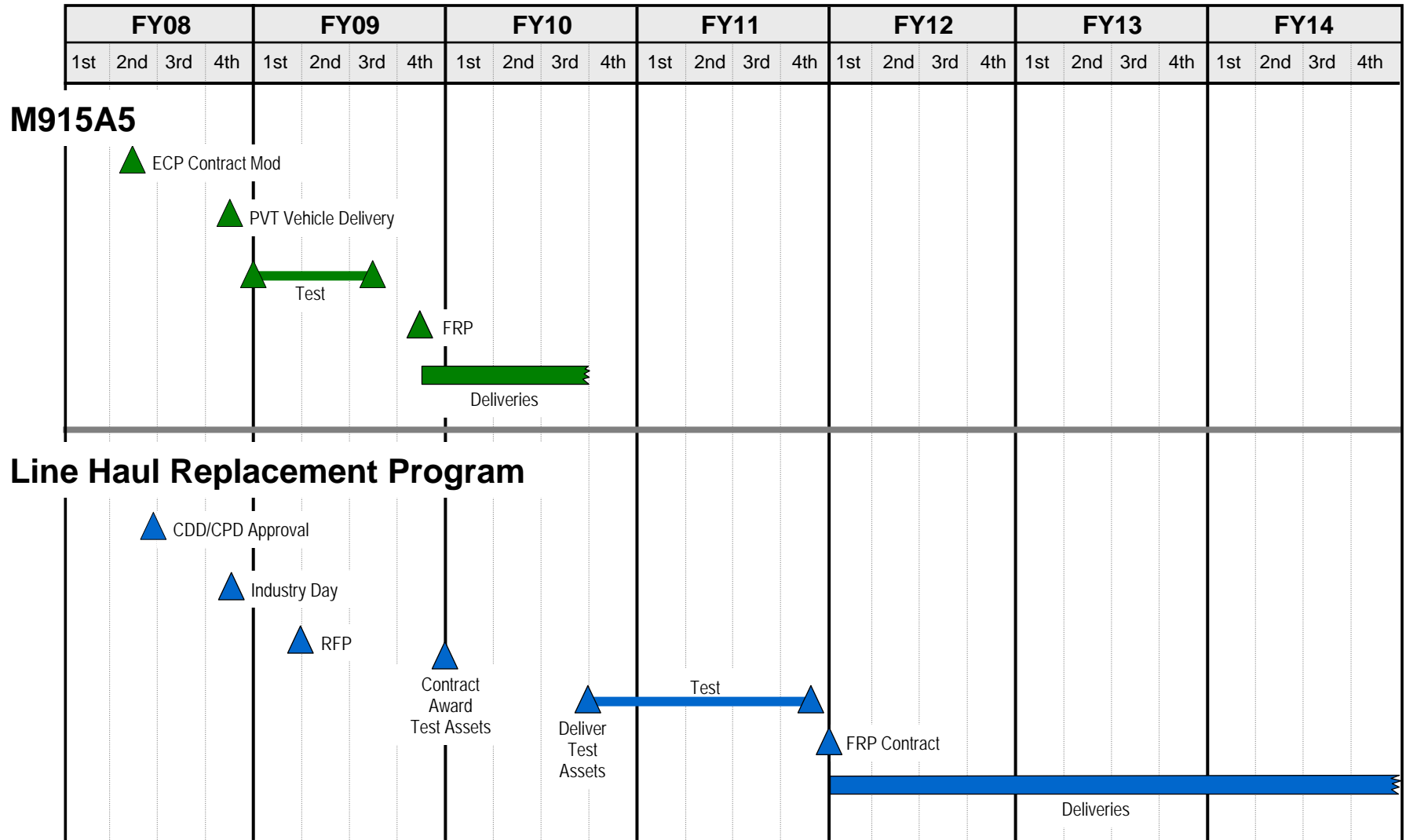
- A Product Improvement Program (PIP)
- Implemented in New Production and RECAP (Fleet Modernization)
- First LTAS Platform for HTV, common cab w/ PLS Block 1
- COMPO 1 Allocation fielded to AOR



First Units Fielding in Oct 08!



Line Haul Replacement Strategy





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

