Back to the Future: The Army TWV Strategy

Mr. Tison, Deputy G-8, HQDA
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The Army 2010 Tactical Wheeled Vehicle (TWV) Strategy

An affordable plan that charts the Army's way ahead to manage the modernization and sustainment of its wheeled vehicle fleets thru FY25

Points of Emphasis:
- Ensuring that Soldiers have the appropriate level of protection for whatever missions they perform
- Equipping forces with the vehicles they require IAW FORGEN
- Maximizing use of armored vehicles in ongoing missions, APS and training sets
- Focusing procurements on fleets that require additional armor-capable vehicles

This strategy is distinguished from prior strategies by virtue of its focus on balancing the quality, quantity, and cost of the TWV fleet to meet both mission requirements and fiscal responsibilities
No single TWV system balances the iron triangle of payload, performance and protection along with transportability.
Transform the Fleet

Replace legacy platforms with systems capable of meeting the threats of today and tomorrow

- Develop, acquire and field the Joint Light Tactical Vehicle (JLTV)
  - Continue to support JLTV development thru Milestone B
  - Plan to procure JLTVs to fill ~ 1/3 of the LTV fleet over 20 years (FY15 - 35)
  - Procure 1/2 of the Increment 1 quantity by FY25

- Maintain three tiers of armor protection:
  - Ensure that Soldiers have the appropriate level of protection for whatever missions they perform
  - Unarmored
  - B-Kit / Frag-Kit
  - MRAP / JLTV

- Provide armor-capable vehicles to equip Available force pool and contingency forces (≥ 50% of fleet)

- Provide armor kits to equip Available force pool (≥ 30% of fleet)
**Equip Forces**

- Equip forces IAW ARFORGEN to meet all mission requirements
- Equip Army with vehicle training sets and simulation devices

**Sustain the Fleet**

- Replace vehicles on average every 40 years and recapitalize them midway
- Buys Back:
  - Performance
  - Mobility
  - Armor Capability (HEMTT & PLS)
  - Extends Service Life
  - Improve fleet fuel economy by 10-15% for new/recapitalized vehicles

- Shape fleet size to ensure long-term affordability
  - Fleet Size ~ 263.5K
  - LTV / HTV / MTV
  - Fleet Reduction ~ 15%
  - New Fleet Size ~ 224K
  - Offset MTOE authorizations by amount of APS requirements:
    - ~ 5% reduction in fleet
  - Reduce authorizations by an additional 10%; mitigate risk thru equipping strategies

- Implement reliability/maintainability improvements, design commonality and competitive procurement/support strategies to reduce total ownership costs
**Near-Term**

- Complete TWV Reduction Studies II and III
- Complete MRAP Study II to finalize ACP DP147 & 156
- Develop and publish a TWV Fleet Management Plan
- Continue to support development of JLTV thru Milestone B and completion of CDD

**Long-Term**

- Implement Senior Leader decisions regarding TWV Reduction and MRAP Studies/Plans
- Pending Milestone C approval, procure and field JLTV; divest replaced HMMWVs and recapitalize remaining HMMWVs to support future requirements
- Procure and/or recapitalize MTVs and HTVs to maintain relevant platforms at or near vehicle Economic Useful Life; divest legacy vehicles
- Support continuous low-rate procurement of armor B-Kits
• Limited copies of Army TWV Strategy at registration desk

• Strategy available for download at:
  https://www.g8.army.mil/index.html
Questions?