

AMERICA'S ARMY: THE STRENGTH OF THE NATION™



Back to the Future: The Army TWV Strategy

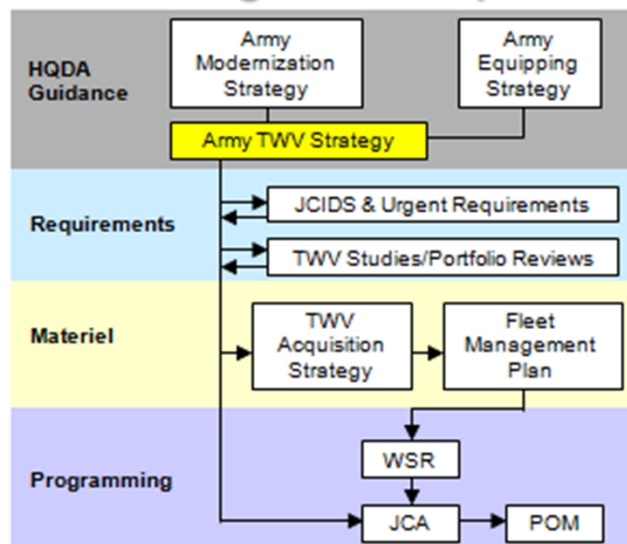
Mr. Tison, Deputy G-8, HQDA
2011 NDIA TWV Conference



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

Strategic Roadmap



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

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 ARFORGEN
- Maximizing use of armored vehicles in ongoing missions, APS and training sets
- Focusing procurements on fleets that require additional armor-capable vehicles

No single TWV system balances the iron triangle of payload, performance and protection along with transportability

Tactical Wheeled Vehicles (Total Requirement = 282.8K Vehicles)

Heavy Tactical Vehicles
REQ = 39.5K



HEMTT Tanker



Load Handling System



Line Haul

Medium Tactical Vehicles
REQ = 81.0K



FMTV 2.5-Ton Cargo



FMTV 5-Ton Cargo



FMTV Van

Light Tactical Vehicles
REQ = 143.0K



HMMWV Armament Carrier



HMMWV Shelter Carrier



HMMWV Ambulance

MRAP Family of Vehicles
REQ = 19.3K



RG-31



MaxxPro Ambulance



M-ATV

Combat Vehicles

Army's Traditional Ground Combat Platforms



M113



Stryker



Mobile Gun System



Abrams Tank



Bradley Fighting Vehicle



Paladin

Distinct Combat Service Support mission roles

Combat, Combat Service, and Combat Service Support mission roles including armament carrier, recon, convoy ops, troop transport, CASEVAC, C2, combat engineer and EOD

Distinct Combat mission roles (although Stryker and Bradley variants can be used for CSS missions, i.e., Ambulance)

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)



HMMWV

Restore Balance Between
Payload, Performance &
Protection



JLTV Tech Demonstrators

- 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 ($\geq 50\%$ of fleet)



Procure Armor
Capable Vehicles



Selected Replacement
of Existing Vehicles

- Provide armor kits to equip Available force pool ($\geq 30\%$ 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



- Shape fleet size to ensure long-term affordability



- 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?