



Tactical Wheeled Vehicle Conference

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Agenda

- **DARNG's Top 25 Equipment Modernization Shortfall List**
- **Major Tactical Wheel Vehicles**
- **Army National Guard Restructuring Initiative (ARNG-RI)**





DARNG's Top 25 Equipment Modernization Shortfall List





Director's Top 25 Equipment Modernization Shortfall List

The modernization shortfall list identifies items of equipment which are needed to execute assigned missions, and have the requisite procurement support base.

Factors which impact selection criteria:

- **Mission**
- **Unit Readiness**
- **HQDA Fielding Plans**
- **State Input**
- **Industrial Base**
- **Resources**
- **Equipment on Hand**





Fiscal Year 2004 DARNG's Top 25 Equipment Modernization Shortfall List

HMMWV

SINGGARS

Night Vision

(AN/PVS-7D)

BlackHawk

(UH-60L/M)

HEMTT

AFATDS

FMTV

M871A3

(22 1/2T Trailer)

FAAD C2I

M22 (ACADA)

EPLRS

M915A3

(Line Haul Tractor)

M88A2

(Hercules)

Bradley

(A0 - A2 ODS)

M109A6

(Paladin)

M917A1

(Dump Truck)

PLGR

Sentinel

SMART - T

JAVELIN

M872A4

(34T Trailer)

Tactical Quiet Gens

Meteorological

Measuring Set

Movement Tracking

System

Prophet



<i>System</i>	<i>Required</i>	<i>Shortage</i>
<i>HMMWV</i>	<i>41,654</i>	<i>10,488</i>
<i>HEMTT</i>	<i>3,100</i>	<i>631</i>
<i>FMTV</i>	<i>34,287</i>	<i>31,673</i>
<i>M871A3</i> <i>(22 1/2T Trailer)</i>	<i>5,057</i>	<i>1,923</i>
<i>M915A3</i> <i>(Line Haul Tractor)</i>	<i>2,418</i>	<i>721</i>
<i>M917A1</i> <i>(Dump Truck)</i>	<i>555</i>	<i>413</i>
<i>M872A4</i> <i>(34T Trailer)</i>	<i>4,327</i>	<i>539</i>



Major Tactical Wheeled Vehicles





HMMWV

- **Description:** Light, highly mobile, diesel-powered, four wheel drive vehicle that uses a common chassis.
- **Units Affected:** The majority of Combat, CS, CSS.
- **Qty Req:** 41,654
- **Programmed:** 1,926 (FY03 - FY07)
- **Qty OH:** 29,240
- **Short:** 10,488
- **Unit Cost:** \$77K

Note: There is a shortage of 2,699 up-armored HMMWV's (included in the above shortage), at per unit cost of \$185K.





HEMTT

- **Description:** Performs line and local haul, unit resupply, and related missions in a tactical environment.
- **Units Affected:** A majority of Combat, CS and CSS units.
- **Tanker:** Qty Req: 2,077
- **Programmed:** 502 (FY03-07)
- **Qty OH:** 1,303
- **Short:** 272
- **Unit Cost:** \$305K
- **Wrecker:** Qty Req: 1,023
- **Programmed:** 55 (FY03-07)
- **Qty OH:** 609
- **Short:** 359
- **Unit Cost:** \$360K

•**Note:** The ARNG HEMTT cargo fleet is well.





Family of Medium Tactical Vehicles (FMTV)

- **Description:** Consists of a common truck chassis that is used for several vehicle configurations in two payload classes and two tactical trailers.
- **Units Affected:** The majority of Combat, CS & CSS.
- **Qty Req:** 34,287
- **Programmed:** 2,113 (FY03=467, FY04=1163, FY05=483)
- **Qty OH:** 501
- **Short:** 31,673
- **Unit Cost:** \$180K (Average)





22 1/2T Semi Trailer (M871A3)

- **Description:** A commercially designed 22-1/2 ton semi-trailer used where a limited degree of off-road mobility is required. Prime mover is the FMTV 5 ton tractor.
- **Units Affected:** CS & CSS units.
- **Qty Req:** 5,057
- **Programmed:** 639 (Thru FY05)
- **Qty OH:** 2,495
- **Short:** 1,923
- **Unit Cost:** \$35K

Note: Normally purchased for the FMTV at a ratio of 2 trailers to 1 truck.





Line Haul Tractor (M915A3)

- **Description:** A highway transport tractor used primarily for hauling containers long distances.
- **Units Affected:** CS and CSS.
- **Qty Req:** 2,418
- **Programmed:** 303 (FY04-05)
- **Qty OH:** 1,394
- **Short:** 721
- **Unit Cost:** \$125K

Note: Programmed procurements are for new unit activation's and are ADRS/TAA03 funded.

M915A3
6x4 Military Truck, Tractor





20-T Dump Truck (M917A1)

- **Description:** Load, transport & dump earth payloads of sand, gravel, rock, etc at Engineer construction sites under worldwide climatic conditions in a military environment.
- **Units Affected:** The majority of Engineer units.
- **Qty Req:** 555
- **Programmed:** 0
- **Qty OH:** 142
- **Short:** 413
- **Unit Cost:** \$192K

**M917A1
6X6 MILITARY DUMP TRUCK**





34-T Semi Trailer (M872A4)

- **Description:** Local and line haul of breakbulk/containers from overseas port area as far forward as division rear. Handles two 20' or one 40' container. Removable bulk head. Prime mover is the M915 series tractor.
- **Units Affected:** EAC Med Trk Co's.
- **Qty Req:** 4,327
- **Programmed:** 1,680 (Thru FY07)
- **Qty OH:** 2,108
- **Short:** 539
- **Unit Cost:** \$36K





Army National Guard Restructuring Initiative (ARNG-RI)



The Honorable Secretary of the Army Thomas E. White
(Speech Given to the NGAUS Conference, 8 September 2002)

Stated Intent: ...in light of our new plan for national defense (we) are now undertaking a new initiative which we'll call the Army National Guard Restructuring Initiative. Whereas the original initiative (ADRS) converts combat formations to support structure, the new initiative restructures a sizeable portion of National Guard combat formations to better support our combat and commanders requirements

Specified Tasks

- First and Foremost Warfighting formations
- Prepared for full spectrum operations
- Enhanced w/systems to provide improved situational awareness
- Versatile and Responsive
- Units that will have objective force qualities and capabilities
- Initiative will begin in FY08 ...done by FY12



Why Restructure the Army National Guard Now?

- New Defense Strategy
- Defense of the Homeland
- Deter forward in four critical regions
- Swiftly defeat the efforts in two regions
- Win decisively in one region

Multi-functional
formations relevant to the
New Strategy



Army National Guard Division Redesign Study (ADRS)

- **Four-phase plan to convert 12 combat brigades to service support structure (FY99-FY11)**
 - **Today's Heavy Brigade Combat Team: ~4,200 personnel / 1,256 vehicles (174 armored systems)**
 - **Converting units to provide transportation, supply, chemical, military police, maintenance, and engineering capabilities**
- **Mitigates support unit force structure shortfall to combatant commanders**
- **Currently, six brigades are under conversion with over 22K spaces affected (Phases 1 & 2)**
- **Phases 3 and 4 will be defined in Total Army Analysis 2011**

Phases 1 and 2 fully funded - \$2.3B



ARNGRI: What is does...

- Aligns Guard with new Defense Strategy
- Introduces two new lighter organizations
 - Multi-functional Division (MFD)
 - Mobile Light Brigade (MLB)
- Capitalizes on brigades already converted to service support structure
- Better supports combatant commanders, including NORTHCOM
- Conversions eliminate ~2,300 track vehicles
- Begins in FY 08

Cost: Work- in- progress

Strategy	ARNG Divisions	QTY
2 MTWs	Heavy	4
	Medium	3
	Light	1
Total		8

New Defense Strategy

Strategy	ARNG Divisions	QTY
1-4-2-1	MFD	4
	Heavy	2
	Medium	1
	Light	1
Total		8



Way Ahead

- **ARNG Restructuring Initiative is the right thing to do**
 - **Aligns the Guard with current Defense Strategy**
 - Retains full-spectrum capabilities for combatant commanders
 - Facilitates and provides relevant forces to NORTHCOM
 - Improves deployment capability
 - **Sets conditions for the Guard to be a full-spectrum force moving to the Objective Force**
 - **Lightens the force (eliminates ~2,300 armored vehicles)**
- **Aviation Modernization**
 - **Provides more effective and efficient capabilities**
- **State Adjutants General support these initiatives**





Questions

