



FY 09 National Guard “Essential 10” Equipment Requirements

as of 26 February 2008



This list identifies \$2 billion of Army National Guard equipment (banded in \$500 million priorities) and \$500 million of Air National Guard equipment shortfalls necessary to the 10 essential missions the National Guard will perform in response to a domestic emergency. Those 10 essential missions are:

Joint Force Headquarters Command & Control ★ Civil Support Teams ★ Maintenance ★ Aviation ★ Engineer ★ Medical ★ Communications ★ Transportation ★ Security ★ Logistics

DoD Position on Guard Equipment Shortages

*Senate Armed Services Committee Hearing
on the Defense Authorization Request for Fiscal 2009
6 February 2008*

Senator Jack Reed (RI): And tomorrow, or this week, or later this week, Mr. Secretary, we'll hear from the commission on the National Guard. One of their concerns is the shortage of equipment within the National Guard inventories for a response to a civilian incident here in the United States.

And they're estimating that it's about a \$47 billion shortfall which is not being covered at the moment. Do we have such a gap? Does it effectively compromise our ability to respond to incidents within the United States?

Secretary of Defense Dr. Robert Gates: There is a gap. We have, in fact, \$46.8 billion in the budget between FY '07 and FY '13 for the National Guard. And we will push \$17.5 billion worth of equipment to the Guard over the next 24 months, helicopters, 16,000 trucks, communications, and so on.

The historic fill rate for equipment for the Guard has been about 70 percent. That fell to about 40 percent in 2006, was up to about 49 percent in 2007. We'll get it to about 65 percent, 66 percent during the course of 2008 and, we hope, into the low 70 percents by the end of 2009.

Our goal with what we have budgeted now would put the Army at a fill rate of 77 percent in 2013 and the Air Guard at about 90 percent. If you want to try and get them to 100 percent, which we've never done before, that would require an additional amount of money.

But one important part about this new equipment going to the Guard is that it is exactly the same equipment that is in the active force. That will be a first.

They have always in the past had either equipment that had been used by the active force or equipment the active force was no longer using, because it had been replaced by more technologically sophisticated stuff.

What we're going to be sending out to them is the same stuff, the same equipment that is provided to the active force.

EXECUTIVE SUMMARY

National Guard units that deployed to combat since September 11th have been the best trained and equipped force in American History. There has been an unprecedented demonstration by the Department of Defense (DoD) committed to ensuring that no soldier or airman, regardless of component (Active, Guard, or Reserve), goes to war ill-equipped or untrained. With the help of the US Congress, this has become reality for overseas combat deployments.

However, the Army Force Generation model works on the assumption that units have the equipment needed for training. This model is going to be less effective if this assumption is not met. Currently the Army National Guard has on-hand only a part of its equipment requirement. This hinders the ability of our units to train. It also can slow our response to disasters and terrorist incidents in the homeland, as equipment may need to be brought into an affected area from further away. Improved equipping strengthens readiness for both overseas and homeland missions but it also reduces stress on the people in our ranks. With more equipment on-hand, we can conduct more and better training at home station.

If we are to be successful in our goal of providing our soldiers a shorter total mobilization period and maximize time in theater for the combatant commander, it is imperative that we reduce post-mobilization training time prior to deployment and accomplish more of it at home station prior to the mobilization to active duty. We need the equipment to do that training. If units train regularly at home station with the best equipment, then little training is needed in the post-mobilization period immediately prior to deployment. A 100% optimally equipped Army National Guard will allow training, possible homeland missions, and deployments to all occur simultaneously.

The National Guard Bureau is committed to the fundamental principle that each and every state and territory must possess ten core capabilities for homeland readiness. Amidst the most extensive transformation of our Army and Air Forces in decades, we want to ensure that every governor has each of these “essential 10” capabilities:

- a Joint Force Headquarters for command and control
- a Civil Support Team for chemical, biological, and radiological detection
- engineering assets
- communications
- ground transportation
- aviation
- medical capability
- security forces
- logistics and maintenance capability

Funding of the “Essential 10” capabilities will ensure that the Governors are well equipped to handle future domestic operations. Indeed, when you call out the Guard you call out America!

Overview of “Essential 10” Equipment Needs:

- **Army National Guard (\$2 billion, total)**

- \$168,446,201 – Joint Force Headquarters Command and Control
- \$88,078,192 – Civil Support Teams and Force Protection
- \$48,538,700 – Maintenance
- \$100,500,000 – Aviation
- \$129,189,968 – Engineering
- \$8,747,691 – Medical
- \$145,282,865 – Communications
- \$1,149,270,128 – Transportation
- \$68,179,473 – Security
- \$93,766,782 – Logistics

- **Air National Guard (\$500 million, total)**

- \$27,000,000 – Joint Force Headquarters Command and Control
- \$ 21,400,000 – Civil Support Teams and Force Protection
- \$13,400,000 – Maintenance
- \$158,500,000 – Aviation
- \$31,200,000 – Engineer
- \$33,900,000 – Medical
- \$72,300,000 – Communications
- \$52,100,000 – Transportation
- \$74,500,000 – Security
- \$15,700,000 – Logistics

Army National Guard Essential 10 Equipment Requirements

Item	ARNG Spending Priorities at Various Funding Levels			
	<u>\$0.5 billion</u>	<u>\$1.0 billion</u>	<u>\$1.5 billion</u>	<u>\$2.0 billion</u>
Joint Forces Headquarters (JFHQ) Command and Control				
<i>Man-portable Communications Support Kit (MCSK)</i>	\$2,000,000	\$2,000,000	\$2,000,000	\$2,000,000
<i>Joint Incident Site Communications Capability (JISCC) Enhancements for Secure Communications and Joint Task Force-State Support</i>	\$14,700,000	\$14,700,000	\$14,700,000	\$14,700,000
<i>Wideband Imagery Satellite Terminals</i>	\$7,000,000	\$7,000,000	\$7,000,000	\$7,000,000
<i>Army Battle Command Systems</i>	\$8,773,032	\$17,580,755	\$26,388,478	\$34,946,201
<i>Warfighters Information Network – Tactical (WIN-T) Systems</i>	\$27,450,000	\$54,900,000	\$82,350,000	\$109,800,000
Progressive Total – JFHQ Command & Control	\$59,923,032	\$96,180,755	\$132,438,478	\$168,446,201
Civil Support Teams and Force Protection				
<i>NBC Reconnaissance Vehicle</i>	\$16,000,000	\$28,000,000	\$40,000,000	\$52,000,000
<i>Portable Chemical Decontamination System</i>	\$9,000,000	\$18,000,000	\$27,000,000	\$36,000,000
<i>Portable Riot Control Dispenser</i>	\$18,100	\$37,648	\$57,196	\$78,192
Progressive Total – Civil Support Teams & Force Protection	\$25,018,100	\$46,037,648	\$67,057,196	\$88,078,192
Maintenance				
<i>Electrical and Electronic Properties Measuring and Testing Instruments</i>	\$12,134,675	\$24,269,350	\$34,404,025	\$48,538,700
Progressive Total – Maintenance	\$12,134,675	\$24,269,350	\$34,404,025	\$48,538,700
Aviation				
<i>LUH-72A S&S Mission Equipment Package</i>	\$24,000,000	\$48,000,000	\$72,000,000	\$84,000,000
<i>Helicopter, Utility, UH-60A TO UH-60L UPGRADE KIT</i>	\$6,000,000	\$9,000,000	\$13,500,000	\$16,500,000
Progressive Total – Aviation	\$30,000,000	\$57,000,000	\$85,500,000	\$100,500,000

Engineer				
<i>Horizontal Construction Equipment</i>	\$12,301,179	\$24,482,374	\$39,226,919	\$48,321,464
<i>Route and Area Clearance Equipment</i>	\$10,388,115	\$36,016,754	\$58,655,878	\$80,868,504
Progressive Total - Engineer	\$22,689,294	\$58,499,128	\$97,882,797	\$129,189,968
Medical				
<i>Medical Evacuation Vehicles</i>	\$ -	\$2,915,897	\$5,831,794	\$8,747,691
Progressive Total – Medical	\$ -	\$2,915,897	\$5,831,794	\$8,747,691
Communications				
<i>PHOENIX Satellite Upgrade</i>	\$2,142,180	\$4,819,905	\$6,962,085	\$9,104,265
<i>Radios</i>	\$34,037,900	\$68,102,800	\$102,140,700	\$136,178,600
Progressive Total – Communications	\$36,180,080	\$ 72,922,705	\$109,102,785	\$145,282,865
Transportation				
<i>Truck, Cargo, FMTV/LMTV (all variants)</i>	\$118,305,349	\$245,368,674	\$372,435,983	\$499,499,308
<i>HMMWV(all variants)</i>	\$48,710,930	\$99,656,020	\$150,712,818	\$201,657,908
<i>Truck, HTV 8X8 HEAVY (all variants)</i>	\$91,965,190	\$185,344,570	\$275,346,950	\$372,843,330
<i>Tactical Trailers</i>	\$18,872,832	\$37,654,957	\$56,412,457	\$75,269,582
Progressive Total – Transportation	\$277,854,301	\$568,024,221	\$854,908,208	\$1,149,270,128
Security				
<i>Night Vision and Thermal Sight Systems</i>	\$10,046,700	\$21,852,500	\$33,658,300	\$43,705,000
<i>Illuminator, Infrared AN/PEC-15</i>	\$2,084,692	\$4,104,239	\$6,206,058	\$8,283,598
<i>Commander, Vehicle CV ICV</i>	\$ -	\$ -	\$ -	\$16,190,875
Progressive Total – Security	\$12,131,392	\$25,956,739	\$39,864,358	\$68,179,473
Logistics				
<i>In-Transit Asset Visibility System</i>	\$850,000	\$1,700,000	\$2,550,000	\$3,391,500
<i>Field Feeding Systems</i>	\$11,616,061	\$23,224,611	\$34,833,161	\$46,441,711
<i>Generator Sets</i>	\$3,623,065	\$7,308,946	\$10,751,198	\$13,077,571
<i>Tactical Water and Water Purification Systems</i>	\$7,980,000	\$15,960,000	\$22,876,000	\$30,856,000
Progressive Total – Logistics	\$24,069,126	\$48,193,557	\$71,010,359	\$93,766,782

Air National Guard Essential 10 Equipment Requirements

Item	ANG Spending Priorities	
	\$500 million	
Joint Forces Headquarters (JFHQ) Command and Control		
<i>Cell Restoral</i>		\$10,000,000
<i>ANG Readiness Center Crisis Action Team</i>		\$2,000,000
<i>Joint Incident Site Communications & Interim Satcom Incident Site Command Set (JISC & ISISCS)</i>		\$15,000,000
Total – JFHQ Command & Control		\$27,000,000
Civil Support Teams and Force Protection		
<i>PJ/STs Medical Treatment Equip</i>		\$3,000,000
<i>Hazardous Material Equip</i>		\$1,500,000
<i>Fire Fighter Self Contained Breathing Apparatus</i>		\$6,100,000
<i>CBRNE Incident Response (Tyvex Suits, Respirators, mortuary affairs)</i>		\$5,000,000
<i>Personal Protective Equipment (PPE) for First Responders to WMD</i>		\$5,800,000
Total – Civil Support Teams & Force Protection		\$21,400,000
Maintenance		
<i>Standard Asset Tracking System</i>		\$13,400,000
Total – Maintenance		\$13,400,000

Aviation

<i>HH-60 Avionics Upgrades</i>	<i>\$9,800,000</i>
<i>Pararescue Specialist / Special Tactics Survivability Upgrades</i>	<i>\$7,400,000</i>
<i>Special Tactics (STS) Modernization Suite</i>	<i>\$4,700,000</i>
<i>C-21A Avionics Upgrades</i>	<i>\$21,500,000</i>
<i>HC-130 Data Link</i>	<i>\$1,200,000</i>
<i>HC/MC-130 LARS V-12</i>	<i>\$4,200,000</i>
<i>C-130 CDU, NVIS, Radar, Propulsion Upgrades</i>	<i>\$42,300,000</i>
<i>RC-26 Avionics, BLOS, CNS/ATM Upgrades</i>	<i>\$67,400,000</i>
Total – Aviation	\$158,500,000

Engineer

<i>Construction/Heavy Equipment Vehicles (Loaders, Graders, Excavators, Mixers, Backhoes, Dump Trucks and Sweepers)</i>	<i>\$28,000,000</i>
<i>Explosive Ordnance Disposal (EOD) IED Equip</i>	<i>\$3,200,000</i>
Total - Engineer	\$31,200,000

Medical

<i>Expeditionary Medical Support (EMEDS)</i>	<i>\$33,400,000</i>
<i>Tamiflu</i>	<i>\$500,000</i>
Total – Medical	\$33,900,000

Communications

<i>Wireless Internet</i>	<i>\$10,000,000</i>
<i>11 x Cell Phone Restoral</i>	<i>\$6,300,000</i>
<i>11 x Joint Incident Site Communications & Interim Satcom Incident Site Command Set (JISC & ISISCS)</i>	<i>\$11,000,000</i>
<i>CITS ITS-Network Modernization</i>	<i>\$45,00,000</i>
Total – Communications	\$72,300,000

Transportation

<i>P-19, P-22, P-23 Fightfighting Vehicles</i>	<i>\$49,900,000</i>
<i>Refueling Vehicles</i>	<i>\$2,200,000</i>
Progressive Total – Transportation	\$52,100,000

Security

<i>Security Forces Body Armor (Vest, Helmets)</i>	<i>\$11,400,000</i>
<i>Night Vision Goggles (NVGs)</i>	<i>\$20,000,000</i>
<i>Mobility Bag Upgrades</i>	<i>\$13,400,000</i>
<i>Weapons Upgrades (Stocks, Racks, Rifles, Storage Cases)</i>	<i>\$29,700,000</i>
Progressive Total – Security	\$74,500,000

Logistics

<i>Combat Readiness Training Center Equip</i>	<i>\$2,000,000</i>
<i>HLS/HLD Mission Essential Equip</i>	<i>\$1,000,000</i>
<i>Single Pallet Expeditionary Field (SPEK) Kitchen Phase IV</i>	<i>\$1,700,000</i>
<i>Disaster Response Beddown Kits</i>	<i>\$11,000,000</i>
Total – Logistics	\$15,700,000

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