



# Army Wheeled Vehicle Fleet: From the G-4 Foxhole

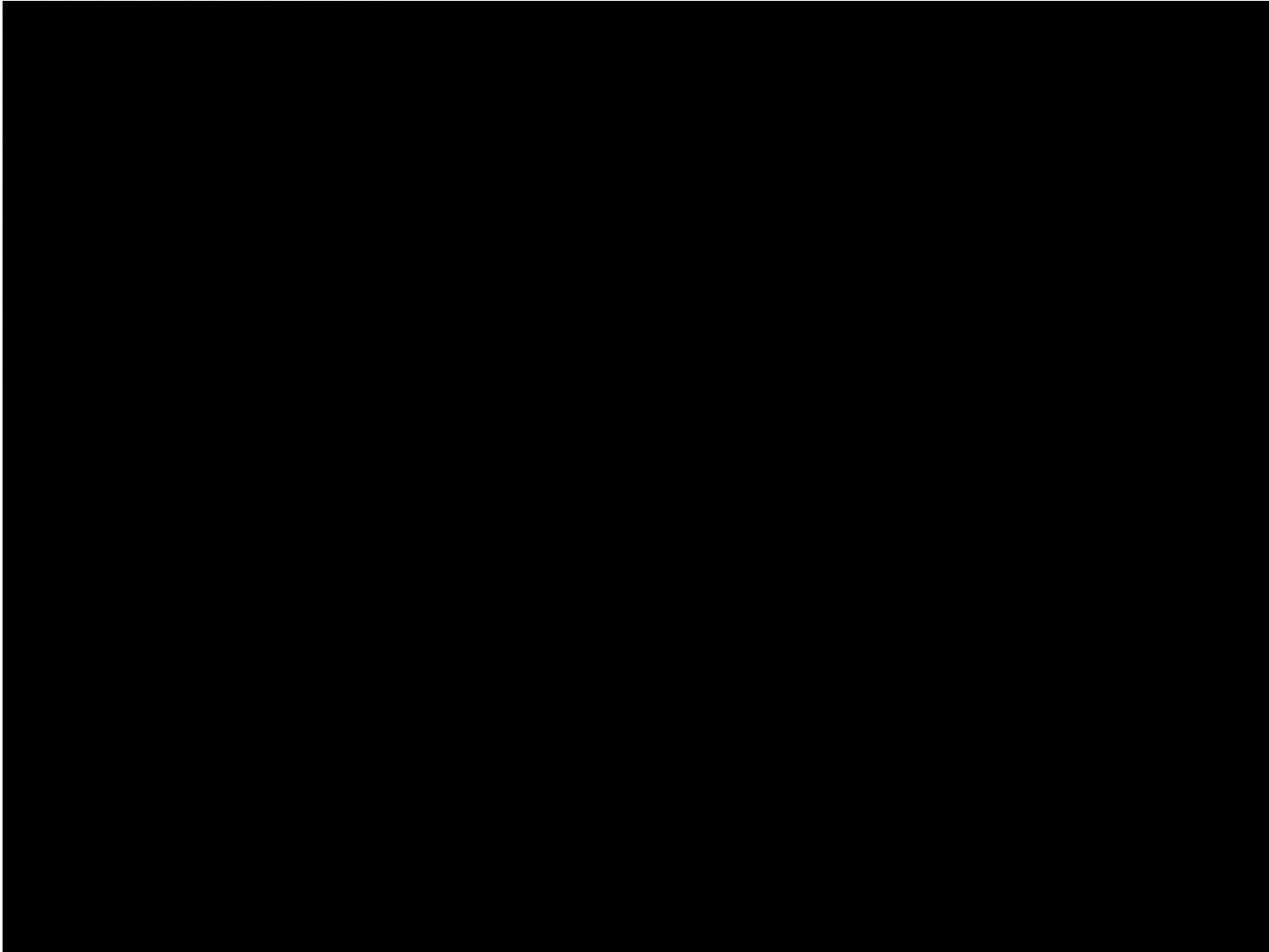
4 February 2008

Major General Vincent Boles  
Deputy G4 (Operations)  
Headquarters, Department of the Army

DRAFT/PREDICISIONAL



# Situational Awareness





AMERICA'S ARMY: THE STRENGTH OF THE NATION™



# Agenda

- ❑ Strategic Context
- ❑ Readiness in the Fight Today
- ❑ 360° Readiness
- ❑ Future Challenges
- ❑ Training



# What I Want to Leave You With...

- ❑ Supporting our deployed forces is our number 1 priority... been at it for 6 years
- ❑ High OPTEMPO is a fact of life in our strategic environment - We are in a Period of Sustained Conflict
- ❑ The Army is working to restore strategic balance & the G-4's part is:
  - Enterprise Visibility,
  - 360° Materiel Readiness and
  - Resetting the Force
- ❑ We are not going back to the Army you grew up in

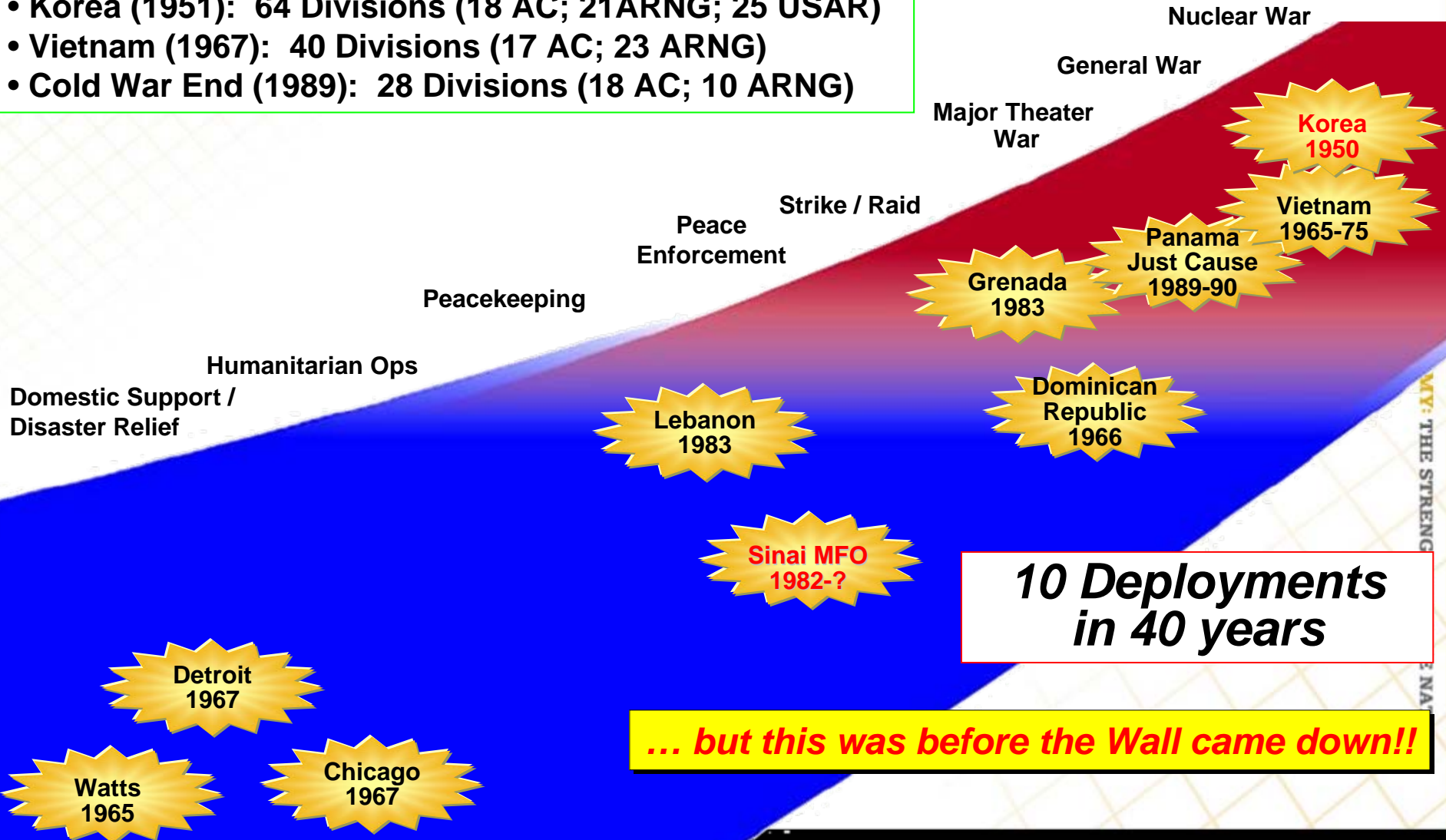


# Strategic Context



# Strategic Environment: 1950-1989

- Korea (1951): 64 Divisions (18 AC; 21 ARNG; 25 USAR)
- Vietnam (1967): 40 Divisions (17 AC; 23 ARNG)
- Cold War End (1989): 28 Divisions (18 AC; 10 ARNG)



**10 Deployments in 40 years**

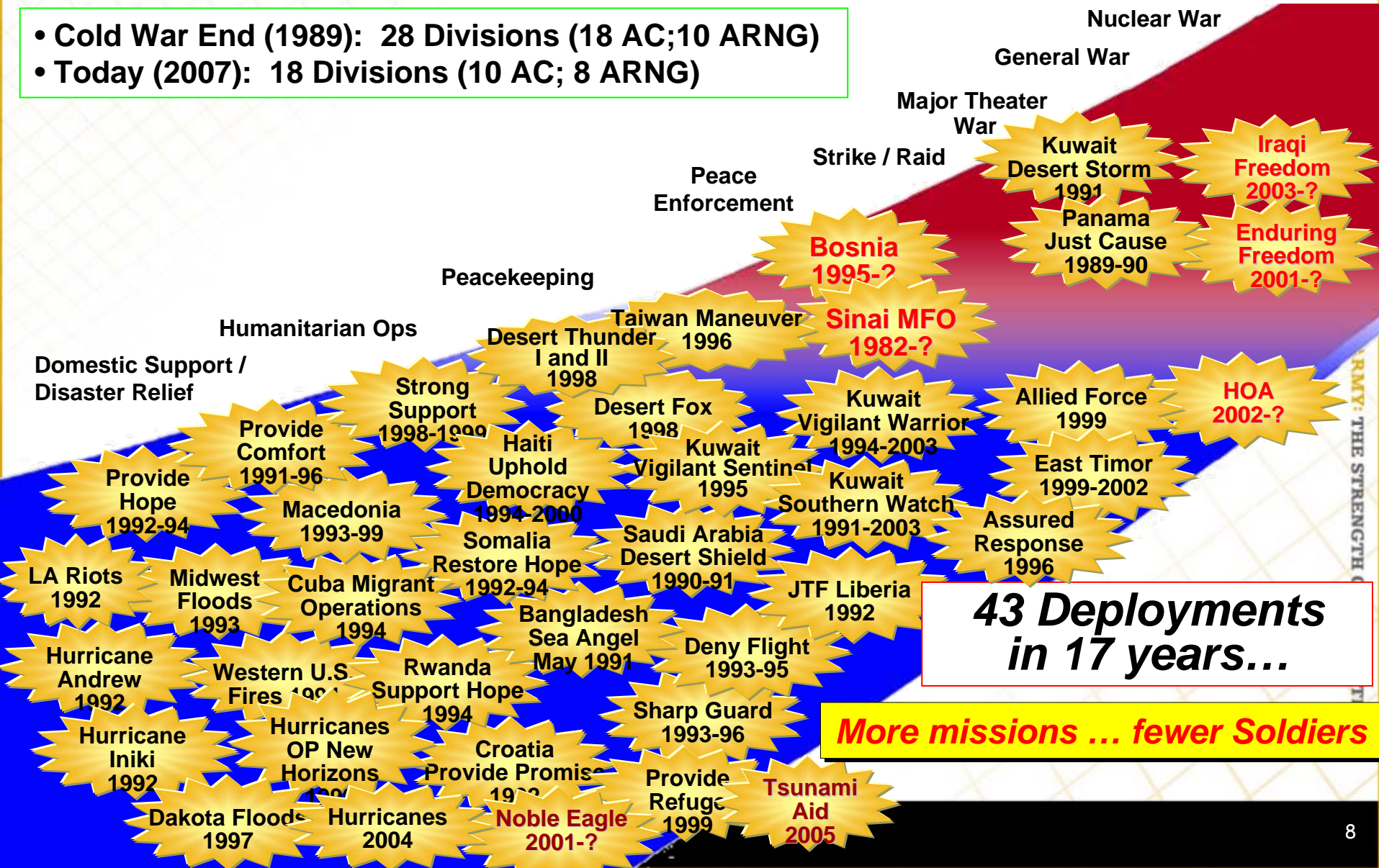
**... but this was before the Wall came down!!**

MAJ: THE STRENGTH OF NA



# Strategic Environment: 1989-2007

- Cold War End (1989): 28 Divisions (18 AC; 10 ARNG)
- Today (2007): 18 Divisions (10 AC; 8 ARNG)



Domestic Support / Disaster Relief

Humanitarian Ops

Peacekeeping

Peace Enforcement

Strike / Raid

Major Theater War

General War

Nuclear War

Provide Hope 1992-94

Provide Comfort 1991-96

Strong Support 1998-1999

Desert Thunder I and II 1998

Desert Fox 1998

Bosnia 1995-?

Sinai MFO 1982-?

Kuwait Desert Storm 1991

Panama Just Cause 1989-90

Iraqi Freedom 2003-?

Enduring Freedom 2001-?

LA Riots 1992

Midwest Floods 1993

Cuba Migrant Operations 1994

Bangladesh Sea Angel May 1991

Deny Flight 1993-95

JTF Liberia 1992

**43 Deployments in 17 years...**

Hurricane Andrew 1992

Western U.S. Fires 1991

Rwanda Support Hope 1994

Sharp Guard 1993-96

Hurricane Iniki 1992

Hurricanes OP New Horizons 1991

Croatia Provide Promise 1992

Provide Refuge 1999

Dakota Floods 1997

Hurricanes 2004

Noble Eagle 2001-?

Tsunami Aid 2005

**More missions ... fewer Soldiers**

ARMY: THE STRENGTH OF...





# Commercial Wheeled Vehicles: What does the Future Hold?

HYBRID TRUCKS



'67 CORVETTE



'57 THUNDERBIRD



K CAR

PACKARD



EDSEL

MODEL T



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# Tactical Wheeled Vehicles: What does the Future Hold?



GAMMA GOAT

## STRYKER

Caterpillar 3126 turbo diesel 350hp

18-20 STons

\$4.13M/Vehicle



MWRAP

\$600K-800K/Vehicle



M998 HMMWV

\$60K/Vehicle



UA HMMWV

\$150K/Vehicle



## WWII - Willys/Ford Jeep

60 hp 134 cu in 4 cylinder

2,290 lbs

Approximate Cost \$2600/vehicle



CUCV



1899 Woods  
Electric Staff  
Car

AMERICA'S ARMY: THE STRENGTH OF THE NATION™





# CSA's Direction

## GEN Casey, AUSA Eisenhower Luncheon Remarks



"We will act quickly to restore balance to preserve our All-Volunteer Force, restore necessary depth and breadth to Army capabilities, and build essential capacity for the future. Four imperatives will frame what we need to do. Implementing these imperatives will require several years, considerable resources and sustained commitment by Congress and the American people."



# The Army's Strategic Imperatives

## PREPARE

Continue to prepare our Soldiers for success in the current conflict

## SUSTAIN

Sustain our Soldiers, Families and Army Civilians



## RESET

Reset expeditiously for future contingencies

## TRANSFORM

Transform to meet the demands of the 21<sup>st</sup> Century

*The Soldier...*

*The centerpiece of our great Army*



# The Army's Strategic Imperatives

## The G-4's Main Efforts

### PREPARE

- ✓ War time readiness > 90% for six years
- Building Strategic Depth
- ✓ REF/RFI and ACU retention initiatives
- Every Soldier is a Rifleman

### SUSTAIN

- ✓ Families First Program: \$63M
- ✓ 15 DeCA projects; \$220M
- ✓ 19 AAFES projects; \$170M
- Privatization of Army Lodging
- ✓ Grow the Army & Rebalancing



### RESET

- ✓ Industrial base production twice pre-war levels - greatest since Viet Nam
- ✓ \$17.1B for FY07; \$18.4B for FY08
- ✓ Reset 25 BCTs
- ✓ Retrograde/Redeployment Initiatives

### TRANSFORM

- ✓ Employed Theater Level Joint & Modular Logistics HQ
- Resourcing RC as an operational reserve (CSS)
- Bring Logistics Automation into the 21<sup>st</sup> Century



# Readiness in the Fight Today



# AOR Readiness Levels

- ❑ Continue to achieve Army goal of 90% readiness for the majority of the TWV fleets
  - We have some challenges
- ❑ However,
  - Vehicles are rapidly surpassing their projected useful life due to OPTEMPO
  - Reset OPTEMPO must be maintained - Sustained Predictable Funding
  - Must continue to improve equipment visibility & tracking capabilities



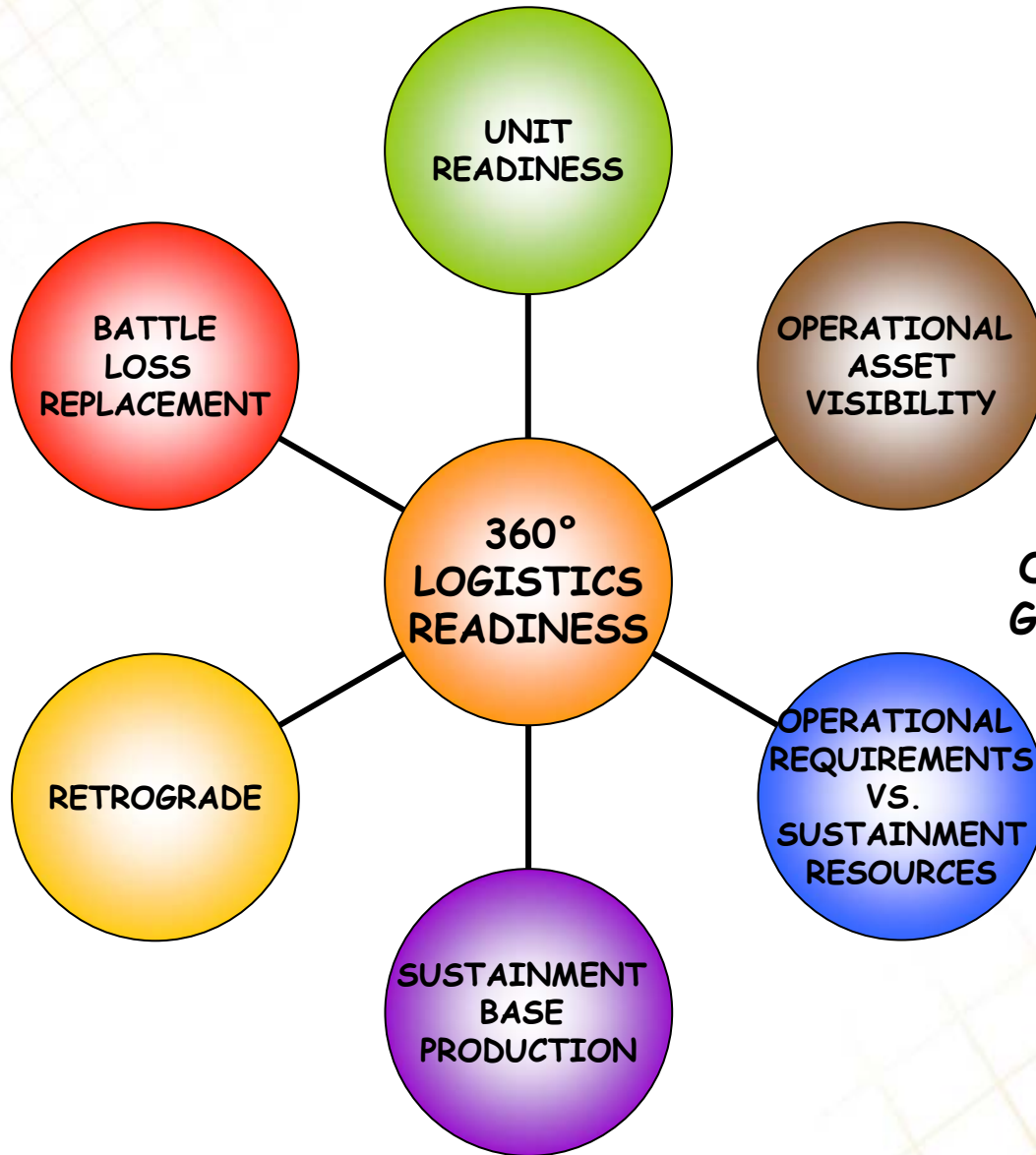
## 360° Readiness CL VII Objectives

- ❑ Is the equipment where it needs to be and serviceable to meet the mission?
- ❑ Is the sustaining base resourced and prioritized correctly?
- ❑ Is the sustaining base performing as planned to support the National Military Strategy, ARFORGEN, and Grow the Army requirements?
  
- ❑ GOAL: The capability to see, assess, and synchronize the Army's Corporate Enterprise Assets in support of Warfighting Operating Forces.





# 360° Readiness



Operating Force  
Generating Force



# Future Challenges



# Sustainment Challenges:

## FY2008-FY2020

- ❑ Define balance between Contractor & Soldier support
- ❑ Develop an Enterprise Sustainment Strategy that incorporates influx of new Combat Systems (MRAP, JLTV, FCS..)
- ❑ Fleet Lifecycle Sustainment costs for Future Force must be affordable (FCS: RAM is a KPP)



# Improved Emphasis on Life Cycle Sustainment Planning

- ❑ Integration of Sustainment into Life Cycle Strategy Development
- ❑ Maintaining core skills and capabilities
- ❑ Modernization of the Sustainment Base
- ❑ Meeting 50/50 Statutory Requirements
- ❑ Reestablish Base Funding Levels that sustain the Army



# Training



# Training Implications

- ❑ Train The Soldier of the 21<sup>st</sup> Century
  - Web enabled Simulators
- ❑ Requires constant supply of organic maintenance skills
- ❑ Meeting training requirements while supporting extended conflicts
- ❑ Gaining efficiencies in training programs
  - A "Complete" Program
- ❑ Continuing education & certification requirements throughout career
- ❑ Increased Soldier capabilities & troubleshooting skills to help balance the sustainment requirement
- ❑ BRAC: A Training Opportunity

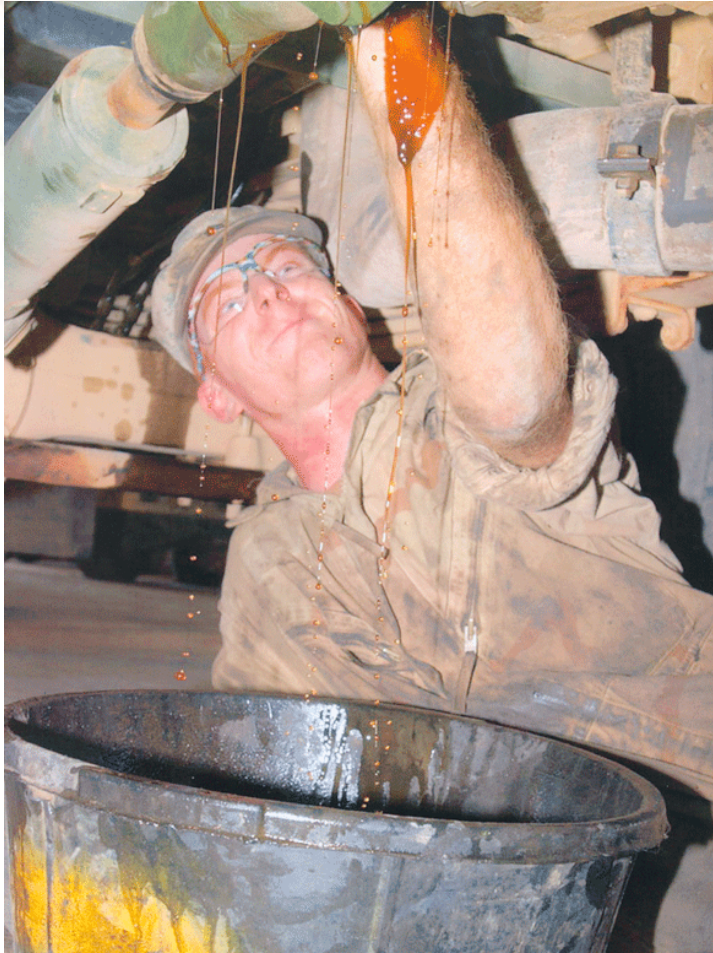


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# One Thing Remains Constant



**The Soldier -  
the Centerpiece of the  
Army**  
Living the Warrior Ethos -  
on duty protecting the Nation  
and the society they serve.