A Campaign Quality, Expeditionary Army for 21st Century Full Spectrum Operations

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Decades of persistent conflict:

"We will be unlikely to predict the time, location or the scope of coming conflicts, and looking back over history, the one thing we know when it comes to predicting the future is that we usually get it wrong," he said. "The Army has a vision to build those forces and we're already executing it. We intend to transform the current force into a campaign-quality, expeditionary Army capable of supporting our commanders across the spectrum of conflict of the 21st century. We're about half-way there in completing the transformation of our force."

CSA GEN George Casey

Army Future Force =
(Campaign + Expeditionary) x Joint*

Joint = Service + Inter-Agency + Multi-National Interdependencies + Industry Support
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Agenda

• Strategic Context
• Conceptual Underpinnings
• Transformation Update
• What’s the Big Idea?

Fighting Today ... and Preparing for Future Challenges
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Fighting Today … and Preparing for Future Challenges
Strategic Context:
Re-balancing Future Force Capabilities

To better address challenges across the spectrum
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The Army in Joint Operations: Seven Key Ideas

Operational Maneuver from Strategic Distances

Network-Enabled Battle Command

Concurrent and Subsequent Stability Operations

Intratheater Operational Maneuver

Decisive Maneuver: Direct Attack of Decisive Points Simultaneous, Distributed Operations Continuous Operations; Controlled Optempo

Distributed Support and Sustainment

How the Future joint Force Will Operate (CCJO Supporting Ideas)

• Multiple directions/domains concurrently
• Integrated/interdependent actions
• Project and sustain the force
• Act directly upon key elements/processes
• Control tempo
• Transition quickly and smoothly
• Manage perceptions and expectations
• Act discriminately
The keystone to Army transformation is **Distributed Operations**

Why?
Why Distributed Operations?
The Nature of Our Enemies

Our enemies won’t mass
Why Distributed Operations?
The Nature of Our Enemies

Demographics are against us

• Unfavorable projections
  – Low population replacement rates threaten First world nation states … situation worsened by open immigration of inassimilable minorities
  – In 100 years, Muslims have duplicated the tenfold growth Europe experienced between 1500-1900

• Unfavorable cost ratio … in blood and treasure

...the use of systems disruption as a method of strategic warfare has the potential to cast the United States in the role that the Soviet Union held during the 1980s—a country driven to bankruptcy by a foe it couldn’t compete with economically. We are staring at a future where defeat isn’t experienced all at once, but through an inevitable withering away of military, economic, and political power ...

John Robb, Brave New War
Who We Will Likely Face

Adversaries who have “gone to school” on U.S. operations

THREATS WILL SEEK:
- Strategic Preclusion -- Deter US involvement
- Operational Exclusion -- Isolate US from support or allies
- Tactical Access Denial -- Contest entry operations
Why Distributed Operations?
The Nature of the Operational Environment

The enemy gets to pick the battlefield

Operationally / tactically …

80% OF THE WORLD LIVES IN THE LITTORALS
The enemy gets to pick the battlefield

... and Strategically

- Prefers to draw us into prolonged engagements
  - Saps military capability and national will
  - Gains favor from “others” who are glad we’re tied town

- US center of gravity is its economy

There is little that an adversary can do to erode US military capabilities or political will unless the United States engages on the enemies terms.

- Barry Posen
Operational Maneuver From Strategic Distances

The Nature of the Operational Environment

We’ve moved!

Integrated Global Presence and Basing Strategy (IGPBS) = CONUS based Army

Cold War High: 50,000
Now: 20,000

Cold War High: 199,000
Now: 40,000

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Where We Will Likely Operate

- Mountains & Deserts
- Jungles & Dense Forests
- Poor Infrastructure

FUTURE OPERATING ENVIRONMENT COMPLEXITY
- Terrain
- Human
- Informational

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The World Has Changed

Overarching US-USSR global struggle
Direct threat US survival, primacy
US-Soviet military conflict unlikely

No overarching issue, single focus
Multiple, complex threats and challenges
Many possible combat contingencies

COLD WAR IMPERATIVES
- Operational maneuver to 50km/day
- Linear maneuver
- Sequential
- Enemy engaged by direct observation
- Seize point objectives
- Hours, days to operational pause
- Kill tanks
- Suppress area with fire
- Open maneuver
- Pass through mounted
- Protect from tanks
- Infrastructure to support mass
- Secure LOC with movement

POST COLD WAR IMPERATIVES
- Operational maneuver to 400km/day
- Distributed operations
- Simultaneous
- Enemy engaged “Over the Hill”
- Control area; populations
- Sustained presence
- Kill infantry
- Discrete, Precise killing
- Maneuver in close, complex terrain
- Get infantry close
- Protect from ATGMs
- Operational Maneuver without
- Reduce, eliminate LOC

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The keystone to Army transformation is *Distributed Operations*

Why?

Because we have to!
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Army Transformation Update

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Fighting Today ... and Preparing for Future Challenges
Operational Maneuver
Joint Heavy Lift

8+ Years of Analysis
• Joint context, joint needs
• Experimentation, wargaming
• JHL JIPT technical studies
• Highlighted by DSB and ASB in multiple studies

Near-Revolutionary Effects
• Major leap beyond current FW and RW theater airlift
• Enables access with forces and stocks to any area within JOA
• There is nothing else like JHL out there, a true break-through

Joint Operational Significance
• Meets recognized, significant joint capability gaps
• Mitigates access challenges
• Relevant to entire ROMO and GWOT
• Theater distribution to point of need from land or sea
• Joint forcible entry with mounted forces
• Extends operational reach of seabasing and SOF

Technically Feasible
• Manageable risk, with pay-offs that extend well beyond JHL
• Potential to revitalize a key S&T area
• Joint Technical Demo is the recommended pathway

Need is recognized

Strategic interest and momentum exist

Army is committed to lead to JPO

Benefits will accrue to entire joint force
Vertical Maneuver Addresses the Assured Access Challenge

- Expansion of possible entry points beyond those accessible by current and programmed theater aircraft
- Runway and MOG independent
- Requires the enemy to cover more landing areas with forces, fires, ISR
- Reduced RSOI and rapid unload accelerates immediate employment off the ramp
- Increases force flow through increased access and simultaneity
Joint Seabasing

Joint High Speed Vessel (JHSV)*

Afloat Forward Staging Base (AFSB)*

Austere Access Joint High Speed Sealift (JHSS)*

* Conceptual drawings. Solutions to be determined.
Summary

**THREATS**

- Threat (mass) has decentralized
  - Operationally and strategically
- Threat (volume) has expanded ... full spectrum operations
  - Providing persistent security just as important as projecting force
- Our biggest strategic threats:
  - Strategic exclusion
  - Strategic exhaustion

**RESPONSES**

- Smaller, plug-and-play units
- Shifting from mobility to maneuver, as required
- Enhanced training and education
- Strategy
JHL-HETR
Comparison—JHL is a hybrid airplane, not a helicopter