Headquarters Air Mobility Command

MOBILITY ON THE MOVE

General Duncan J. McNabb
Commander, Air Mobility Command

Enabling the “Global” in “Global Vigilance, Reach and Power!”
AMC Vision

Unrivaled Global Reach for America … ALWAYS!
Global operations…

…MAF has supported them all!
AMC SNAPSHOT

LEBANON NEO

OIF/OEF
240,561 SORTIES
3,089,235 PASSENGERS
1,615,615 TONS

HURRICANE RELIEF

PAKISTAN EARTHQUAKE RELIEF

Since 9/11
825,066 SORTIES
6.95M PASSENGERS
2.67M TONS OF CARGO
4.44B LBS OF FUEL

TSUNAMI RELIEF

One Departure Every 90 Seconds to 2 minutes…Every Day…365 Days a Year!
AMC SNAPSHOT

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**TSUNAMI RELIEF**

*One Departure Every 90 Seconds to 2 minutes...Every Day...365 Days a Year!*
U.S. Compassion Delivered
15 Million Pounds of Relief Supplies
Won the Hearts and Minds
U.S. Approval Rating in Pakistan:
Pre 23% . . . Post 50%+

CENTCOM/CC: “Never in history have such a small group of people made such an historic impact on the impressions of the United States …”
AMC SNAPSHOT

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PAKISTAN EARTHQUAKE RELIEF

TSUNAMI RELIEF
Global Aid Delivered
5.8 Million Pounds of Relief Supplies
COUNTLESS LIVES SAVED
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29 Aug 2005
1,836 Dead
$81.2 Billion in Damages
Katrina – Costliest Hurricane in U.S. History
American Cities without Food, Water, or Shelter
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TSUNAMI RELIEF

One Departure Every 90 Seconds to 2 minutes...Every Day...365 Days a Year!
American Families Brought to Safety

Airman at McGuire AFB: “We’ll help get you home”

Evacuee: “I am home”
AMC SNAPSHOT

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173d AIRBORNE BRIGADE NORTHERN FRONT

Mission: Open Northern Front in Iraq

AMC Responds
15 C-17s flew 62 msns in 5 Days
35 Air Refuelings Accomplished
Largest Nighttime 1-Pass Drop since D-Day

Mission Accomplished
1,000 Paratroopers & 20 Amn Seize Airfield
400 Vehicles, 2000 Troops, 3000 Tons in 5 Days
Froze 2 Iraqi Divisions From Moving South!
Improvised Explosive Devices (IEDs)
#1 Cause of Combat Death in Global War on Terrorism
Over 11,000 Wounded
1,061 Killed
Equivalent of More Than 3390 Trucks, nearly 9000 Personnel
Per Month
Out of Harm’s Way
Moved by AIRLIFT instead of Ground Convoy

CONVOYS OFF THE ROAD

C-130s’ Herculean Effort

AMC Responds
Increase Intra-Theater Airlift of Supplies & Troops
• C-130s Carry All Passengers
• Institute Theater-Direct Delivery (13,000+ Sorties)
• Establish Two C-17 Expeditionary Airlift Squadrons

C-17s in Theater
816 EAS / 817 EAS
Basic HUMVEE Unable to Withstand Large IEDs

Up-Armor Kits and Sheet Steel Desperately Needed in Iraq and Afghanistan

Ordinance Disposal Units Need “Super-Armored” Vehicles
ARMOR MOVEMENT

AMC Responds

Massive Effort to Airlift Up-Armor Kits and Joint EOD Rapid Response Vehicles (JERRVs)
ARMOR MOVEMENT

Total Up-Armor Movement for FY05 & 06 = 63,195 Tons!
Airlift 56 JERRVs/182 Armored Security Vehicles (ASVs)
Troops Protected, Lives Saved

Warfighting Effectiveness Enhanced

M1117 ASV
- Armored Security Vehicles
- ≈29,500 lbs

• “Buffalo” 6x6 ≈45K lbs

• “Cougar” 6x6 ≈37K lbs
173RD NORTHERN FRONT

CONVOY MITIGATION

AEROMEDICAL EVAC

ARMOR MOVEMENT
173RD NORTHERN FRONT

CONVOY MITIGATION

AEROMEDICAL EVAC

ARMOR MOVEMENT
SAVING LIVES

From 10 Days

- Desert Storm – 10 days to CONUS
- Robust Theater Footprint
  - Large Bed/Holding Capability
  - Heavy Lift Requirement
- Stable Patient Care
- Scheduled Stable Patients
- Dedicated Airlift
- “TAC/STRAT” Crews
- Separate AE Routes

To 3 Days

- OIF/OEF – 3 days to CONUS
- Light, Capable, Lifesaving
  - Limited Hospital Beds
  - First in for Early Casualties
- Critical Patient Care—CCATTs
  (Critical Care Air Transport Teams)
- Stabilized Rapid Evacuation
- Designated/Multi-mission Airlift
- Universal AE Crews
- AE Tied To “Best Fit” Airlift

Survival Rate from Wounds (%)

- Desert Storm – 10 days to CONUS: 75%
- OIF/OEF – 3 days to CONUS: 90%

From 10 Days To 3 Days
AMC SNAPSHOT

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MARINES TO LZ RHINO

- First-ever C-17 Combat Dirt Landing using NVGs w/ Threats!
- LAND LOCKED! Intra-theater lift was critical to rapid buildup during early days of OEF
- Proved "Theater-Direct" onto-Dirt Into-Combat capability
- Route 1 secured/Kandahar taken approx 10 days later

OEF AIR REFUELING

WEDGE DZ

EXPEDITIONARY Airlift

JPADS
Marines to LZ Rhino

Pasni to Rhino Map with Inset Pictures
MARINES TO LZ RHINO

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- Intra-theater lift was critical to rapid buildup during early days of OEF
AMC TANKERS BRING THE FUEL TO THE FIGHT AND ENABLE GLOBAL POWER

Operation ENDURING FREEDOM
Combat in Land-Locked Afghanistan
“It’s All About Range & Payload”
EMERGENCY RESUPPLY OF WEDGE DZ (AFGHANISTAN)

1 ~ B-1 relayed drop zone update to AMD
2 ~ AMD transmitted update to C-130
3 ~ C-130 received update, made adjustments
4 ~ TF-7 resupplied

Beyond Line of Sight = BLOS

Airdrop Successful!
AMD C2/Tacticians Made Msn Happen
Highlighted Flexibility/BLOS Capability
JOINT PRECISION AIRDROP SYSTEM (JPADS)

The “JDAM” for Precision Vertical Resupply
JOINT PRECISION AIRDROP SYSTEM (JPADS)
JOINT PRECISION AIRDROP SYSTEM (JPADS)

- Increase Precision ✓
- Decrease Threat Exposure ✓
- Increase Probability of Success ✓
- Decrease Required Aircrew Tng ✓
Diego Garcia Stage
2 x C-17s and 4 Crews
Semi-Prepared Runway Ops (SPRO)
The Pinnacle of C-17 Ops

Tarin Kowt, Afghanistan

Tarin Kowt C-17 Landing
Diego Garcia Stage
2 x C-17s and 4 Crews
Semi-Prepared Runway Ops (SPRO)
The Pinnacle of C-17 Ops

Tarin Kowt, Afghanistan
Tarin Kowt C-17 Landing
Mobility Aircraft Under Fire

- **C-130**: 185 times
- **C-17**: 25 times
- **C-5**: 7 times
- **KC-135**: 19 times

**Shot at 236 Times**
(5 times a week)
**Hit 6 Times in FY05**
2nd only to Helicopters

**Types of Attacks**
- Small Arms
- RPG/Rocket
- MANPADS

**Defensive Systems**
Critical to Combat Capability,
Access, and Aircrew Survival
AMC SNAPSHOT

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“Every 20 years, you get a major [defense] increase, followed by a gradual decline, the 20-year on-schedule buildup has come along, but if history is any guide, it’s going to level off, and it always levels off before the military wants.”
Andrew Krepinevich, CSBA
Washington Post, 16 Feb 2003
GLOBAL REACH FOR AMERICA

Create Transformational Effects
- CONOPS
- Organization
- Technology

GLOBAL REACH
FOR AMERICA

CAPACITY & MASS

TARGETED DELIVERY

Weapon Systems

Command & Control

Focused Logistics Support

Airdrop

Global Infrastructure

Air Refueling

Expeditioanry Reach/Port Opening

Ground Handling

Short Takeoff & Landing

Theater Direct Delivery

Aeromedical Evacuation

Velocity

Precision
Create Transformational Effects

- CONOPS
- Organization
- Technology

MOBILITY TRANSFORMATION

Transformational Capabilities

Modern Warfare
Tailored Global Reach
Expeditionary Force
Combat Ready Forces
Real Time Command
Focused Logistics
Rapid Ground

Dynamic and Precise Execution

CONOPS
Warfighting Effects
GLOBAL MOBILITY IN ACTION

11 Airfields Expanded . . .

3 Airfields Opened . . .

14 Locations...Surge Capacity...10 Days!

Legend:
- AMC Fixed Enroutes
- Expanded After 9/11
- Stood Up After 9/11
MOBILITY CAPABILITIES

Strategic Airlift
- CRAF
- C-5
- KC-10
- KC-X
- KC-135

Theater Airlift
- C-130J
- C-17
- JCA
- C-130X

Air Refueling
- Floors
- Doors
- Defensive Systems
MOBILITY FLEET: STEADY STATE VS SURGE

Day-To-Day Force:
Contingencies, Crisis, and Get-Out-The-Door

Wartime Force:
Day-to-Day + Ready Reserve, Mobilized Force, CRAF Activation

Must Operate As Efficiently And Effectively As Possible, All Of The Time
AFSO21 INITIATIVES

- C-5 ISO at Dover AFB
- C-17 Wheel & Tire Shop at McChord AFB
- Terminal 2010 at Travis AFB
- C-17 HSC LEAN at Charleston AFB
- Mobility 21 & TACC Improvements
- Information Solutions for HQ AMC Staff processes
- KC-135 ISO

"Velocity & Precision"
AIR MOBILITY COMMAND

Seamless Integrated Team
Expeditionary Force
Ready Now and Poised for the Future

The Lifeline of Freedom
### Annual Fleet Availability

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*Fleet Availability: Percentage of a Fleet’s Total Active Inventory (Unit and Depot Possessed) that is Mission Capable

** FY05

Hidden Cost of Aging Fleet ≈ Direct Loss of Warfighting Effect
ELIMINATING AIRCREW NON-FLYING DUTIES INCREASES SAFETY/VELOCITY