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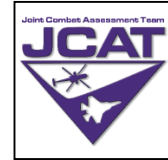
# Pathfinder Panel Warfighter Vision 2008

Tom Mayhew  
CDR, USN

Naval Air Systems Command  
OIC, Joint Combat Assessment Team



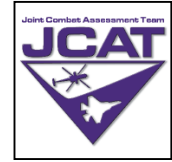
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# Where I Come From



- Navy Reserve Aerospace Engineering Officer
- Current JCAT OIC, oversee team deployed to Iraq
- Forensic analysis of hostile fire against US aircraft
- NAVAIR 4.1.8 (Survivability)
- Funded by Joint Aircraft Survivability Program Office (DoD AT&L)
  
- 20 years in IT business
- Internet, e-business and network-centricity

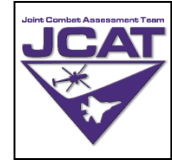


# Deployment to Iraq



- 2006: 3d Marine Aircraft Wing, Al Anbar Province
- Team det at Army 36<sup>th</sup> CAB, LSA Anaconda (Balad)
- Forward support to Taji, Mosul, Speicher, Baqouba, Najaf and other garden spots
- JCAT LNO to MNC-I C-3 AIR, Camp Victory (Baghdad)
- TOA to 2d MAW, Feb 2007
- 3d CAB to BIAP, Mar 2007
- Operation Fardh al-Qanoon (Enforcing the Law), Mar 2007

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# JCAT Forensic Analysis



- 300+ SAFIRE assessments since early 2004, over 50 during my tour
- Assessed six helicopter shootdowns in Jan/Feb 2007, 26 KIA
- Morphine 12, USMC CH-46



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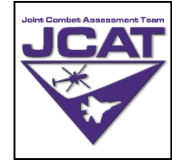


# Déjà Vu All Over Again



- Mobilization Processing Station—circa 1995
- Nine paper forms with SSN
- Two pay systems
- Shots or no shots—which system?
- NMCI is actually NI and MCI
- “Continuum of service”, strategic vs. operational reserve

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# On the Job



- Six email accounts
- Three computer screens
- Three badges and a CAC card
- Iridium and SPINS
- TASM, 318 and 312 DSN
- The A/DACG, ASRs, AMRs and Space R
- “Answering questions and calling it work”

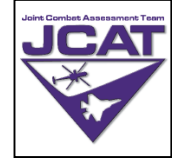


# On the Job (Continued)



- The 96-mile shipment goes around the world
- Stateside usmc.mil email
- Shipping 300-GB hard drives home
- Great information flow on command SIPR web pages
- Spreadsheets and SharePoint
- The Webmaster and the Plumber—who knows how all this stuff fits together?

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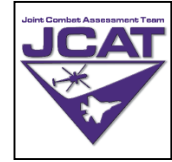
# Where IT Made a Difference



- Morphine 12, 7 FEB 07
- Solving a puzzle while Congress and CNN are watching
- Forensics
- Google Earth and CPOF
- Reachback worked for us (MSIC and NAVAIR)
- VOIP, STEs and late-night concalls
- Intel fusion and follow-on action

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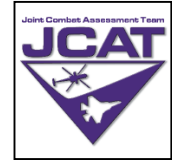
# Lessons Learned



- Brute force wrestling with piece parts
- 1990s business transformation—follow the same script!
- Simple fixes can help a lot
- Inventory turns, agility and working capital
- The extended enterprise
- A global mindset

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# What Makes It All Work

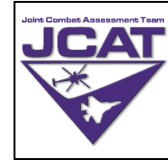


Great Americans!

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# In Honored Memory

## **EASY 40**

**Diyala Province, 20JAN07**

COL Brian Allgood

COL Paul Kelly

LTC David Canegata III

CPT Sean Lyerly

MAJ Michael Taylor

CSM Roger Haller

CSM Marilyn Gabbard

SGM William Warren

SFC John Brown

SFC Floyd Lake

SSG Darryl Booker

CPL Victor Langarica

## **BIG GUNS 72**

**Najaf, 28JAN07**

CPT Mark Resh

CW3 Cornell Chao

## **CRAZYHORSE 08**

**Taji, 3FEB07**

CW4 Keith Yoakum

CW2 Jason DeFrenn

## **MORPHINE 12**

**Karmah, 7FEB07**

Capt Jennifer Harris

1Lt Jared Landaker

HM1 Gilbert Minjares

Sgt Travis Pfister

Sgt James Tijerina

Cpl Thomas Saba

HM3 Manuel Ruiz

**Karmah, 8FEB07**

SGT James Holtom

SPC Ross Clevenger

PVT Raymond Werner