



Joint Program Office Mine Resistant Ambush Protected Vehicles





Presented by Dave Hansen Joint Program Manager





Purpose

Overview of the MRAP Program

- Historic
- Programmatic

Ongoing Priorities

- Fielding
- Upgrades









JPO MRAP Cornerstones

SECDEF Memo 2 May 2007

- The MRAP program should be considered the highest priority Department of Defense acquisition program..."
- "...any and all options to accelerate the production and fielding of this capability to the theater should be identified, assessed and applied where feasible."
- ...the urgency of the situation ...requires that we thoroughly examine <u>all</u> options to put as much of this enhanced capability in the hands of our troops as rapidly as reasonably possible."



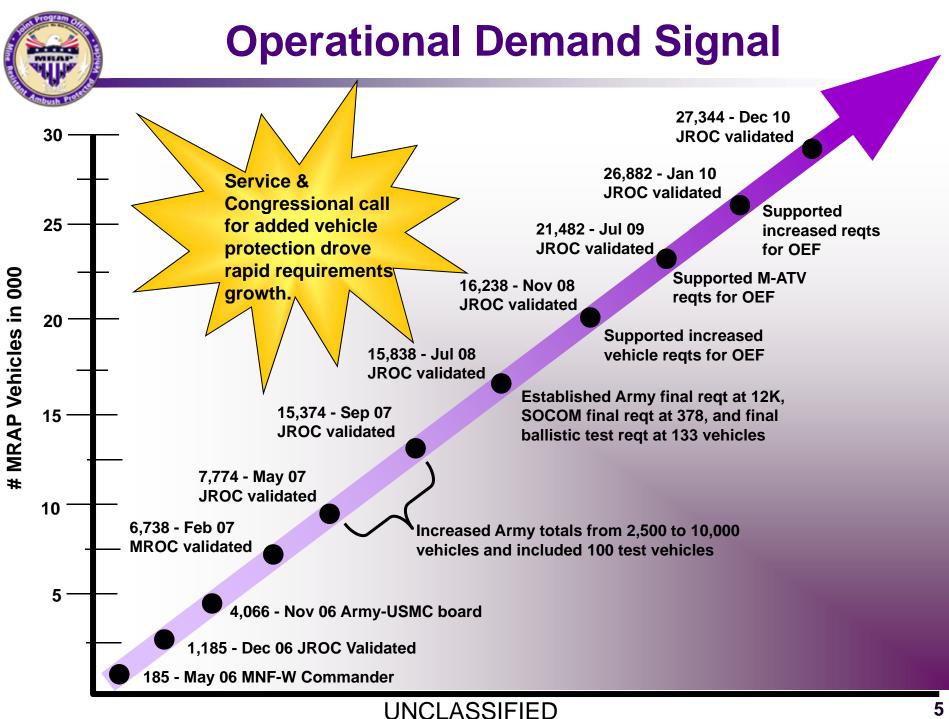
OSD TASK Force Charter

"Directing that a Department-wide task force be formed to integrate planning, analysis, and actions to accelerate over the next year the acquisition of as many MRAPs as is possible and prudent"

Secretary Gate's Memo dated 30 May 2007

"Speed is of essence"

Accelerated Production to Maximum Capacity by Adding Additional Vehicle Variants to Meet CENTCOM Requirements Faster



Program Response

Program Imperatives

- Streamlined Acquisition Process
- Speed to Produce
- Multiple Variants
- Urgent Fielding
- Evolutionary Development of Variants
- Adaptive Support

Tradeoffs Considered

- Deliberate Developmental Program
- Single Producer
- Sequential, Lock-step Testing
- Full Organic Support
- Technical Data Package









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MRAP Snapshot

DoD's Largest \$ Program in FY10

Larger than the Missile Defense Agency

*****~26,512 Vehicles Procured in Less Than 3 Years

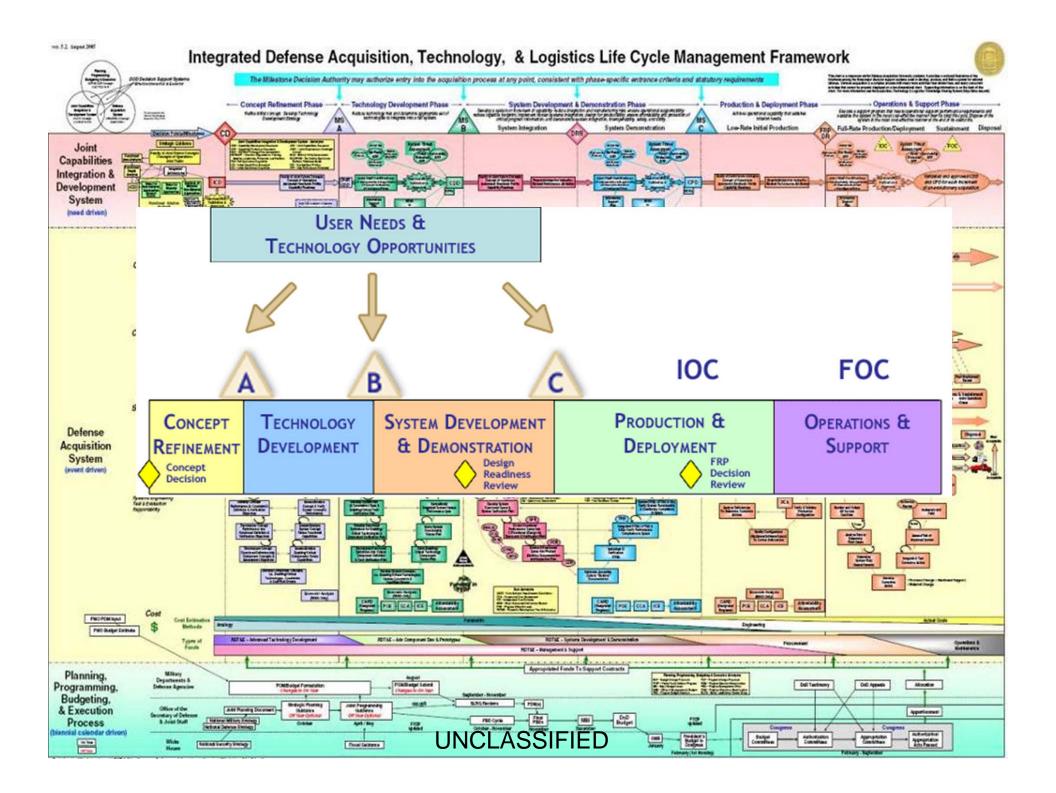
- Concurrent Production, Testing, and Fielding
- *~21,200 Vehicles Fielded to Warfighters in Theater
- ✤Operational Readiness Remains >90%
- *~\$44B Total Appropriated Through FY10
 - OCO Supplemental Funding
- *20 LRIP Decisions and Counting
- *90+ Contracts, 6 OEMs, 100+ Variants
- *****M-ATV Variant Developed for OEF
 - Fielded 5 Months After Production Award
- *Rapidly Responded to Urgent CENTCOM need for MRAP Recovery Vehicle (MRV)
 - Awarded Contract Mod within 4 days of Receiving LRIP ADM Amendment
- * Up to 20 Items of GFE Integrated Per Vehicle
 - SPAWAR Charleston Integrating Upwards of 45 M-ATVs per Day

MRAP Vehicle Variants

As of December 2010 Draft

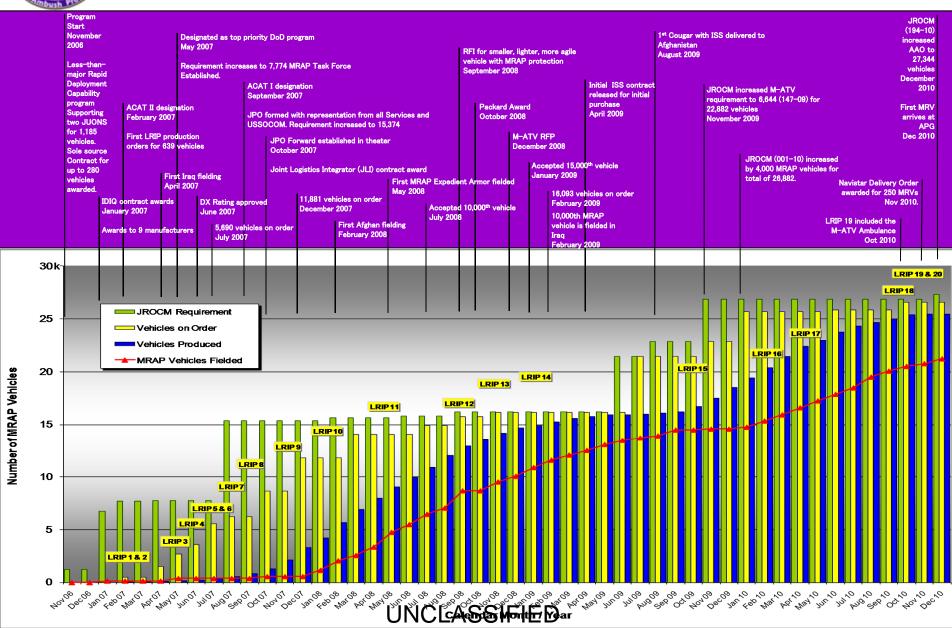


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Mission In Motion - Cumulative





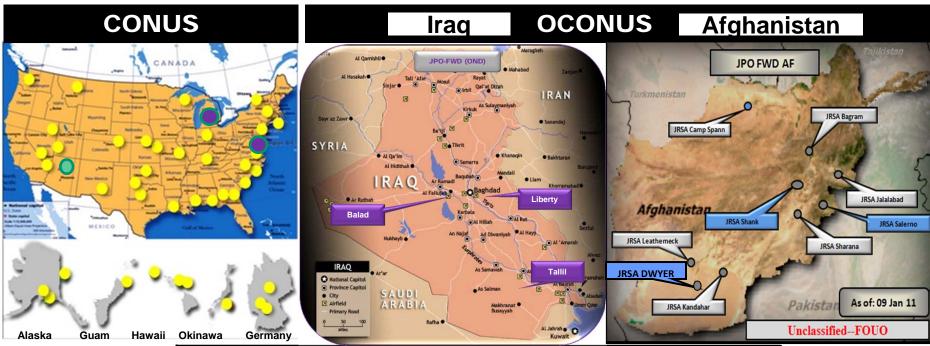
The MRAP Team - Sustainment





JPO Enterprise

MRAP Enterprise-*Multiple Locations, Single Focus!*



MRAP Functional Area	Locations
JPO MRAP	Quantico/Stafford, VA; Warren, MI
Test Facilities	Aberdeen, MD; Yuma, AZ; Huntsville, AL
Logistics Support	Albany, GA; Barstow, CA; Red River, TX
Regional Support Activities	Throughout Iraq, Afghanistan
MRAP Support Facility	Kuwait



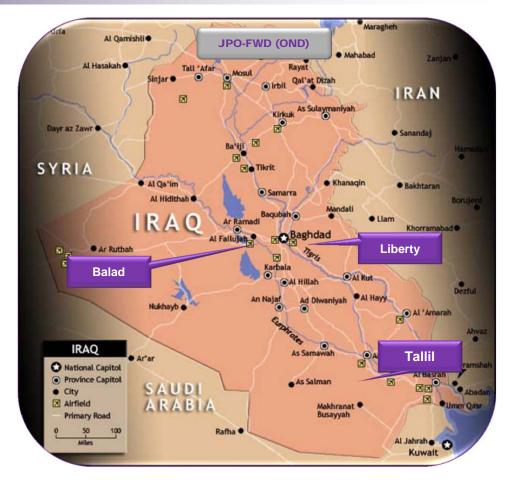
IRAQ

Mission Priorities

- Responsible Drawdown
- Sustainment / BDR
- * RG-33 ISS
- ✤ C2OTM

Way Ahead

- MRAP Fleet Retrograde
- ***** RSA Parts / Equipment Retrograde
- Personnel Reductions
- Est. Mission Complete Dec 11

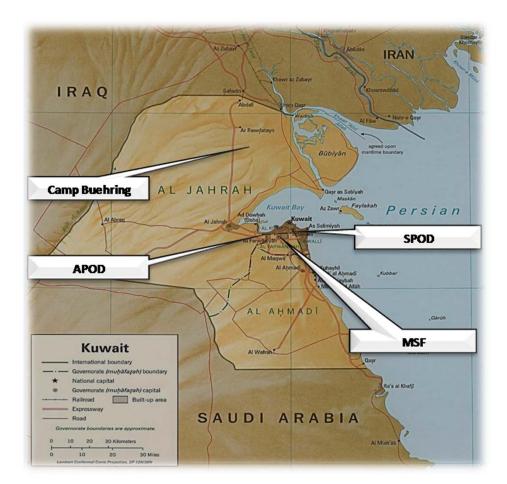


Maintain continuous support to Warfighter **Ramping Down**



Kuwait/PM Forward

- MRAP Sustainment Facility (MSF) Operations
 - CENTCOM Priorities
 - > APS-5
 - > HAAB
 - Coalition
 - Caiman MTV
 - Theater Sustainment Stocks
- Camp Buehring
 - RIP/TOA Training
 - Sustainment Operations
- Theater Operations Center
- Retrograde



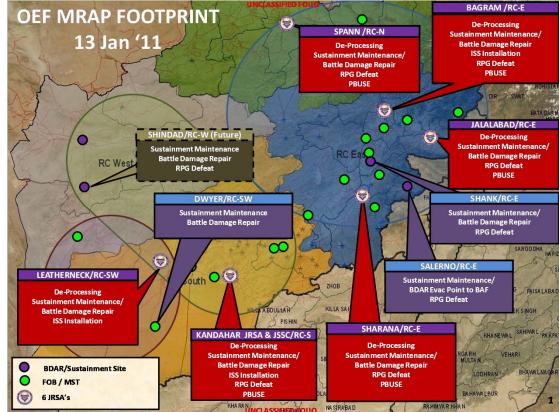
Maintain Flexibility



Afghanistan

Mission Priorities

- BDR / Sustainment
- Safety / Survivability
- Recovery
- Maneuverability
- Deprocessing
- Way Ahead
- Facility Infrastructure Build-up
- RSA / FOB Expansion
- Expeditionary Maintenance



Speed of response to support the Warfighter





Joint Services MRAP/M-ATV HST Fielding Locations

1NTC (Irwin)

2JRTC (Polk)

3Ft. Polk

4 Ft. Drum

6 Ft. Bragg

7 Ft. Atterbury

8 Ft. Shelby

1 Ft. Stewart

TFt. McCoy

12Ft. Riley

1Ft. Bliss

Ft. Lewis

16 Ft. Carson

Triangle Ft. Campbell

18 Ft. Schofield

Ft. Benning

20 Ft. Richardson

Tt. Sam Houston

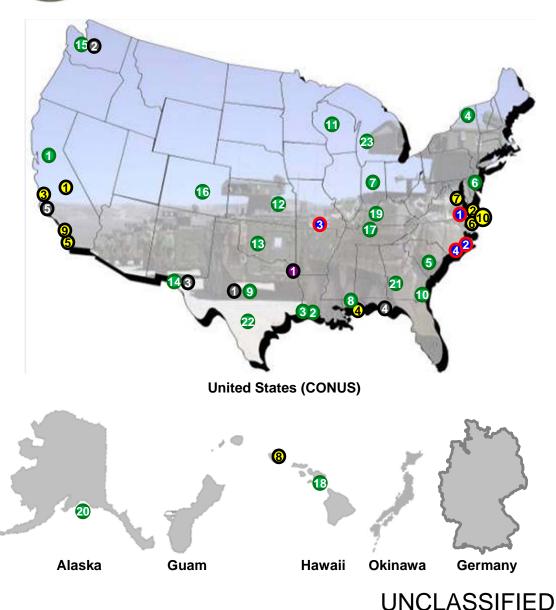
19 Ft. Knox

TACOM

13Ft. Sill

9 Ft. Hood

6 Ft. Dix



1 China Lake, CA 2 Ft. Story, VA **3** Port Hueneme, CA **4**Gulfport, MS **5** North Island, CA **6** Little Creek, VA 7 Indian Head, MD **8** Kaneohe, HI Oronado, CA **10**Tidewater Norfolk **1** I MEF(Pendleton) II MEF(Lejeune) **3 MTIC (FLW) 4** LOS (Lejeune) Ft. Hood Ft. Lewis Ft Bliss Tyndall, FL Port Hueneme, CA MRAP U



Initiatives

Independent Suspension Systems (ISS)

- Responds to Terrain and Conditions in OEF
- Increases Speed, Capability Off-Road

Survivability Upgrades

- RPG Defeat Technology
- Blast mitigation technologies (seats and floor mats
- M-ATV Underbody Improvement Kit
- Caiman MTV Chassis Upgrade

*Cougar CAT II and M-ATV Ambulance Variants

MRAP Recovery Vehicle

- Provides winch, lift, tow capability with MRAP survivability
- LUE planned for early 2011

***Improved Turret Drive System (ITDS)**

- Allows integration of Overhead Protective Cover to OGPK
- One-for-one bolt in replacement for Battery Powered Motorized Traversing Unit (BPMTU) in OGPK
- Rollover Detection Warning System (RDWS)
 - Provides advanced warning of hazardous conditions
 - Applicable across fleet





Priorities

Fielding

- ISS (Independent Suspension System) Upgrades Cougar, RG-31, RG-33, MaxxPro, Caiman
- MRAP Recovery Vehicle
- New production vehicles

Ambulances

- Readiness All Variants
- Rightsizing Capacity of Theater Facilities
 - Kuwait MRAP Sustainment Facility (MSF)
 - OEF (Multiple Sites)

Defining Upgrades and Retrofits for Enduring Fleet



- Need DP147 Enduring Requirements to determine MTOE vs Training base vs APS vs Divestiture. Determined by G-3 & G8
- Availability of MRAPs for shipment back to the states and available capacity to ship
- Configuration baseline set by AR2B GOSC
- Full material release requirements and timeline to complete
- Facility requirements to store and maintain MRAPs at CONUS based installations
- **CONUS** training strategy and usage rates established by TRADOC
- Transition requirements from theatre provided equipment (TPE) to unit ownership

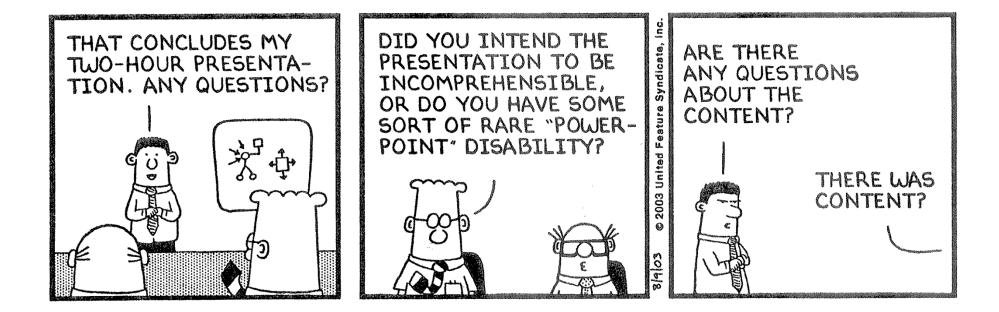


MRAPs Evolve









Questions (on the content)....?