



Survivable Vehicles for the Warfighters



# NDIA Tactical Wheeled Vehicle Conference

FEB 2010



### JPO MRAP Mission:

*We deliver survivable, fully capable, Mine Resistant Ambush Protected (MRAP) vehicles to our Warfighters and customers. We demand and support maximum readiness from our MRAP vehicles once delivered. We operate with speed and a sense of urgency always.*

**Paul Mann**  
Program Manager

**COL Kevin Peterson**  
Military Deputy Program Manager

**Joint MRAP Vehicle Program Office**





# Agenda

- ❖ **MRAP Team**
- ❖ **Program Overview**
- ❖ **Key Accomplishments**
- ❖ **Priorities**
- ❖ **Current Operations**
- ❖ **Challenges**
- ❖ **Questions**



# Joint Program Manager

Civilian PDPM

Military PDPM

Deputy

Marine Corps  
Program Integration

SOCOM Liaison

USA Liaison

USN Liaison

USAF Liaison

Director  
Business & Finance

Deputy

Director Acquisition  
Program Integration

Deputy

Public Affairs  
Officer

Strategic  
IPT

Joint Principal  
for Safety

Director  
Contracts

Director  
International  
Programs

PM Vehicle  
Systems

Deputy

PM M-ATV

Deputy

PM Cougar

Deputy

PM Assured  
Mobility Sys (AMS)

APM Capability  
Insertion (CI)

APM Caiman

APM MaxxPro

APM RG-31

APM RG-33

APM Buffalo

APM Cougar

Deputy

Director Test and  
Evaluation

Director  
GFE Integration &  
PM Detection Systems

PM Forward

PM Logistics and Sustainment

Deputy

Deputy

Chief Engineer

Deputy

Director Quality/  
Production

# MRAP Team



DoD



DoN USMC



DCMA



DLA



LOGCOM



DoA



DoAF



SAF AC



ATEC



SOCOM



DoN



ASN RDA



Aberdeen Test Center



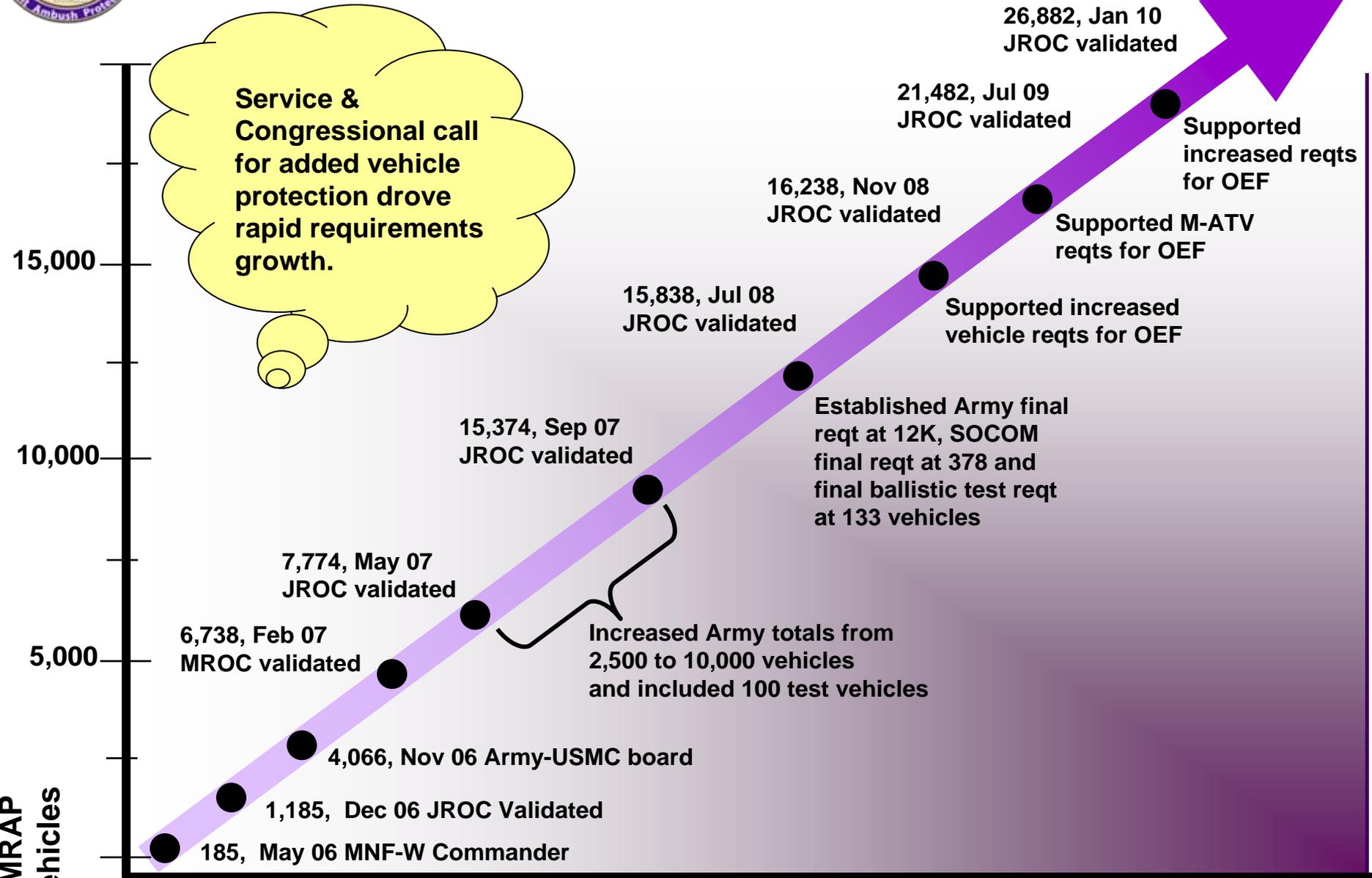
PEO CSS



NAVFLAC



# Operational Demand Signal





# MRAP Family of Vehicles

BAE



CAT I (321), CAT II (1,905), CAT II AUV (38), ARV (2)

FPI



CAT I (1,996), CAT II (1,058), CAT III (79)

BAE-TVS



CAT I (2,848), CAT II (16)

GDLS-C



CAT I (1,384)

Navistar  
Defense



CAT I (6,424), CAT II (16)

Oshkosh



M-ATV (6,624)

International  
Programs



631



# Program Status/Accomplishments

- ❖ **25,700 MRAP Family of Vehicles (FoV) Acquisition Objective**
  - Executed In Accordance With 17 Low Rate Initial Production (LRIP)
  - **22,882 MRAP vehicles** procured against Joint Service requirement
  - **16,236** of 17,596 MRAP Cat I-III vehicles procured to date
  - **6,644** of 8,104 MRAP All Terrain Vehicle (M-ATV) procured to date
    - Initial order – 30 June 09
    - Production – >1,000 per month
    - 3,573 accepted by USG to date\*
    - 801 M-ATV transported to OEF\*
    - 407 fielded in OEF\*
- ❖ **Suspension System Upgrades**
  - **Cougar Independent Suspension System (ISS)** – installations done at MRAP Sustainment Facility (MSF)
    - 100% of OEF Cougars to be upgraded with ISS
    - 789 Cat I and Cat II installations complete for USMC & USN\*
    - 480 vehicles fielded in OEF\*
  - **RG31, RG33 A1 (SOCOM) & MaxxPro Dash**-Evaluating suspension upgrades for OAF
- ❖ **15,520 FoV Delivered to Theater\***
- ❖ Completed IOT&E for M-ATV, DASH and Cougar ISS
- ❖ Operational Readiness Rating (OIF) 96%, (OEF) 93% (26 Jan 10)



# Priorities

## ❖ **Fielding**

- M-ATV
- ISS Upgrades – Cougar, RG31, RG-33, MaxxPro

## ❖ **Readiness – all variants**

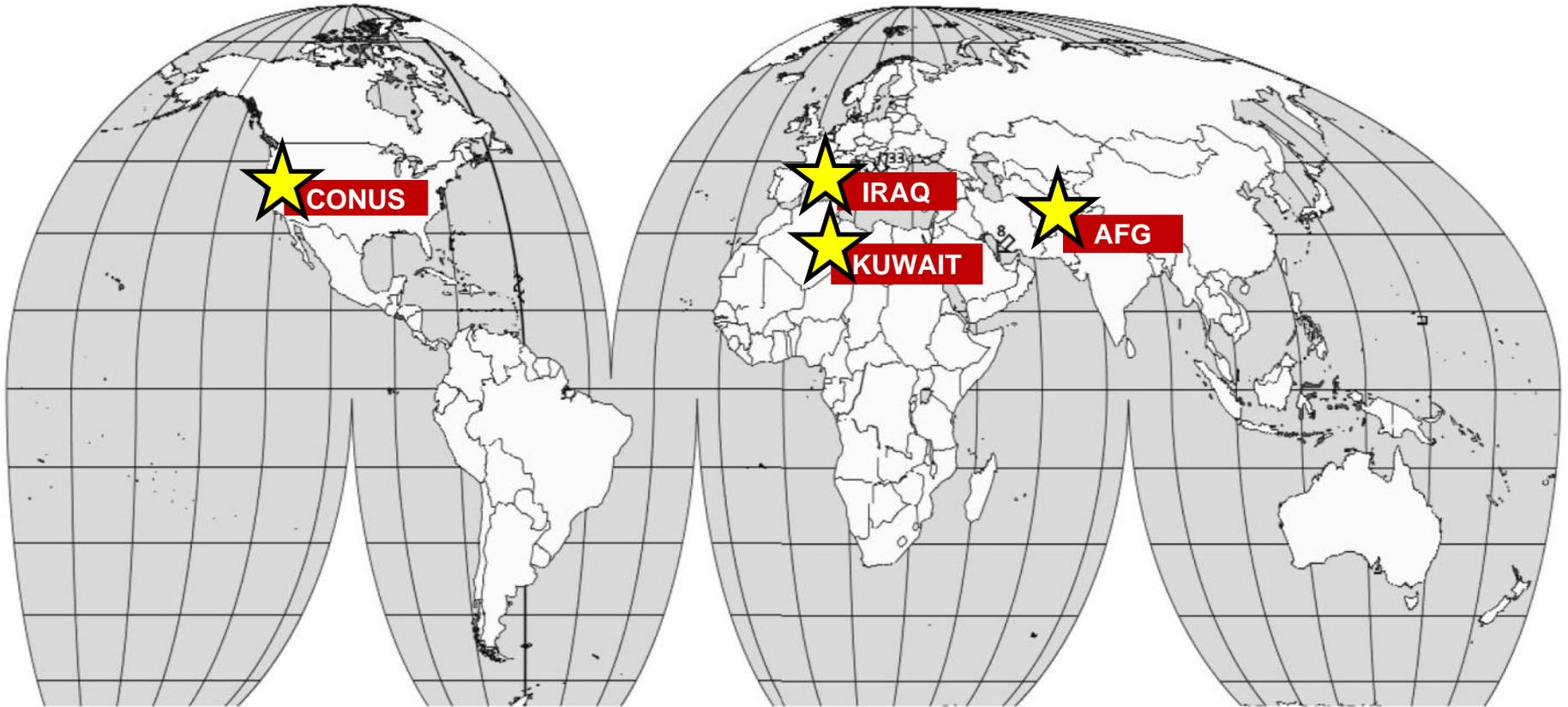
## ❖ **Expanding Theater Facilities**

- Kuwait (MSF)
- OEF (Multiple Sites)

## ❖ **Defining OEF Requirements**



# JPO MRAP Operations





# IRAQ

## ❖ Responsible Drawdown

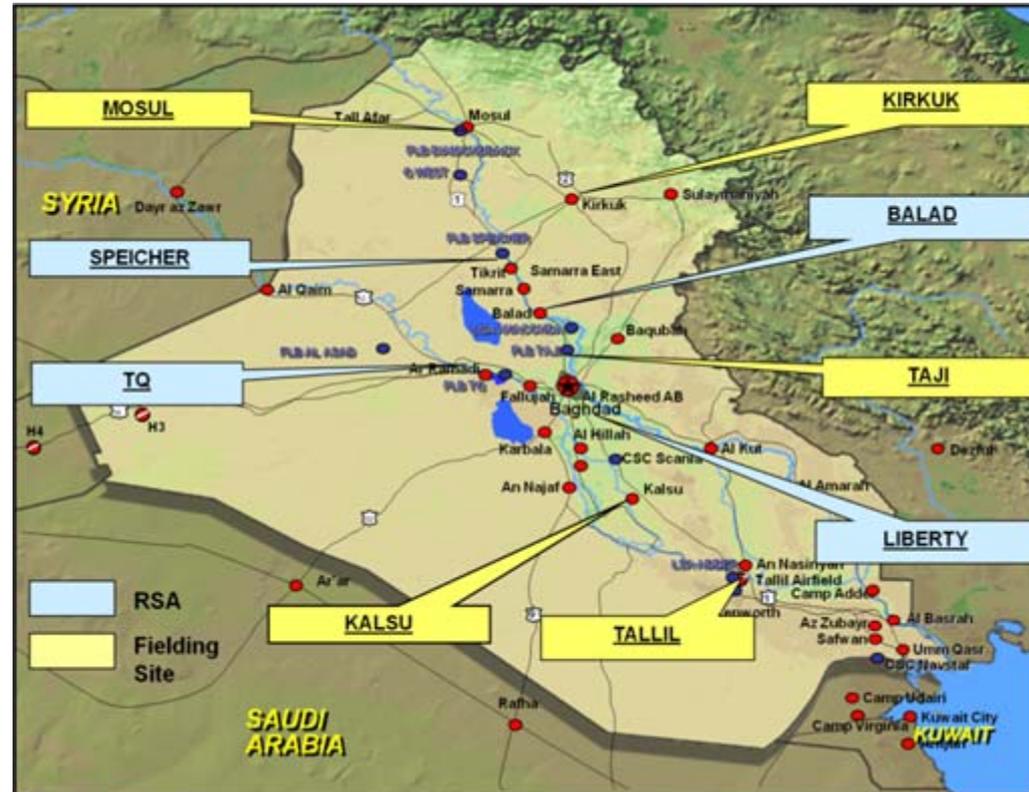
- Scorpion Cascade for HST
- Off Ramp Equipment to Afghanistan

## ❖ Battle Damage Repair and Sustainment Maintenance

## ❖ Product Improvements

- CROWS
- Survivability Upgrades

## ❖ Sweep the Fleet



*Maintain continuous support to Warfighter*



# Kuwait/PM Forward

- ❖ MRAP Sustainment Facility (MSF) Operations
  - Home Station Training
  - Theater Sustainment Stocks
- ❖ Independent Suspension System (ISS) Installations
- ❖ Camp Buehring
  - RIP/TOA Training
  - TADSS
- ❖ Route Clearance Modernization Facility
- ❖ Theater Operations Center

*Maintain Flexibility*

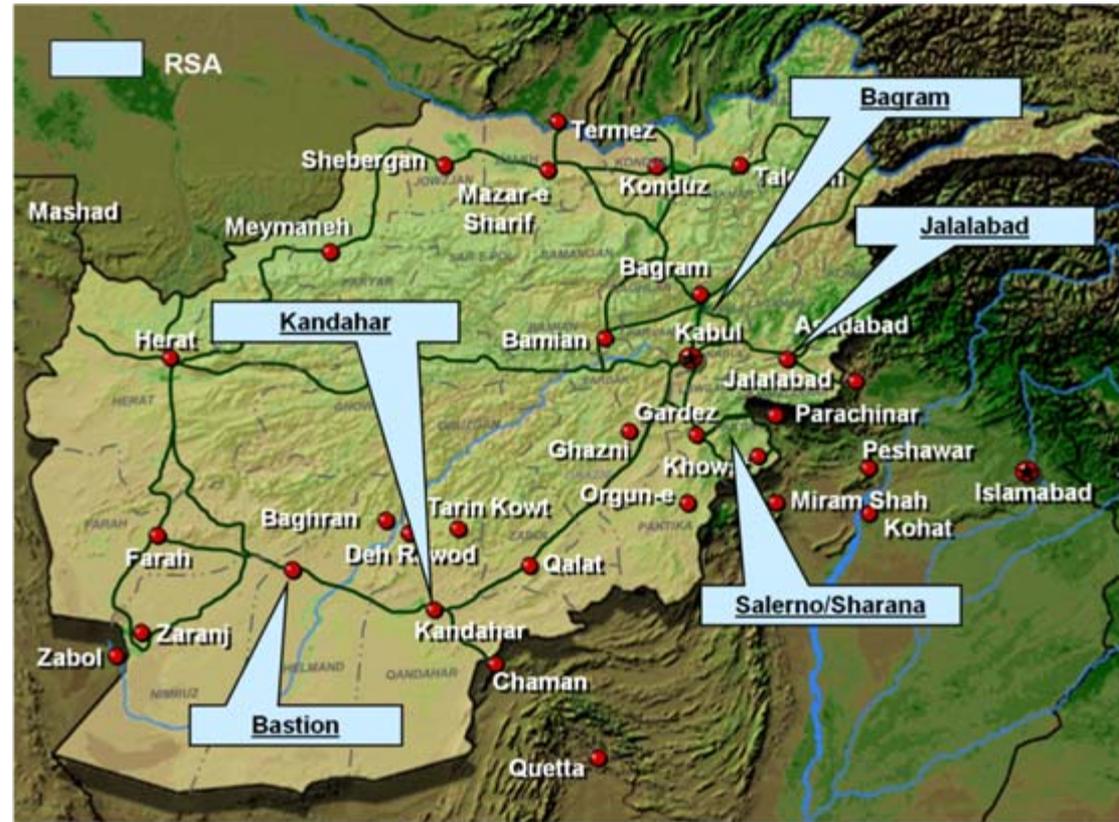




# Afghanistan

- ❖ Fielding
- ❖ Sustainment
- ❖ Battle Damage Repair
- ❖ Facility Infrastructure Build-up
- ❖ Joint Solutions Support Center (JSSC)
- ❖ Retrofits

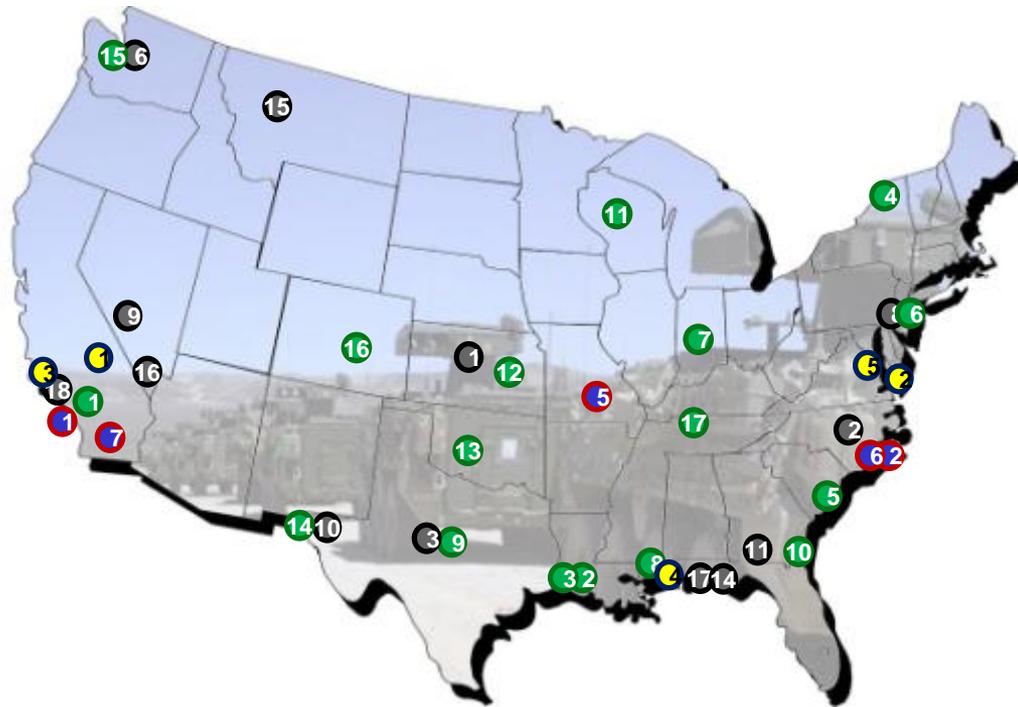
*Speed of response to support the Warfighter*



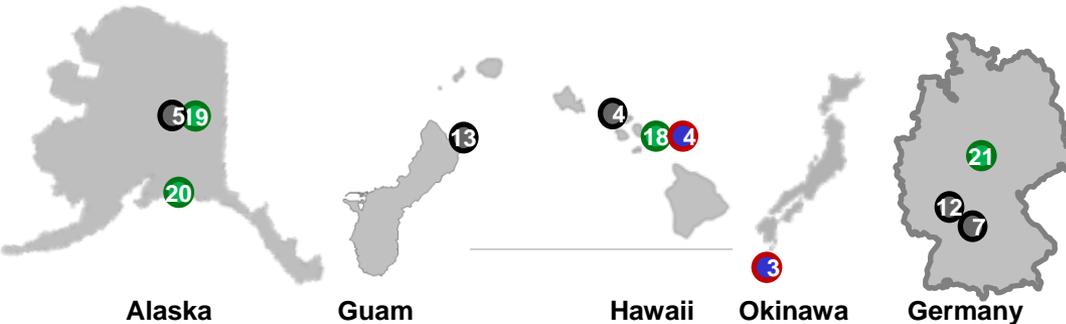
**Ramping Up**



# Joint Services MRAP/M-ATV HST Fielding Locations



United States (CONUS)



Alaska

Guam

Hawaii

Okinawa

Germany

- 1 NTC (Irwin)
- 2 JRTC (Polk)
- 3 Ft. Polk
- 4 Ft. Drum
- 5 Ft. Bragg
- 6 Ft. Dix
- 7 Ft. Atterbury
- 8 Ft. Shelby
- 9 Ft. Hood
- 10 Ft. Stewart
- 11 Ft. McCoy
- 12 Ft. Riley
- 13 Ft. Sill
- 14 Ft. Bliss
- 15 Ft. Lewis
- 16 Ft. Carson
- 17 Ft. Campbell
- 18 Ft. Schofield
- 19 Ft. Wainwright
- 20 Ft. Richardson
- 21 JMRC (Hohenfels)
- China Lake, CA
- Ft. Story, VA
- Port Hueneme, CA
- Gulfport, MS
- Cheatham Annex
- I MEF(Pendleton)
- II MEF(Lejeune)
- III MEF(Okinawa)
- III MEF(Hawaii)
- MTIC (FLW)
- LOS (Lejeune)
- MAGTFTC (29P)
- Smoky Hill, KS
- Pope, NC
- Ft. Hood
- Wheeler, HI
- Ft. Wainwright
- Ft. Lewis
- Heidelberg, GE
- McGuire, NJ
- Creech, NV
- Ft Bliss
- Moody, GA
- Sembach,GE
- Andersen, Guam
- Tyndall, FL
- Malmstrom, MT
- Nellis, NV
- Hurlburt, FL
- Port Hueneme, CA



# Challenges

- ❖ **OEF Infrastructure**
- ❖ **OEF Requirements**
- ❖ **ISS Fielding**
- ❖ **M-ATV Fielding**



# Air Force in Kandahar





# Questions?

