



Department of Defense Maintenance Symposium

LTC William P. Shea

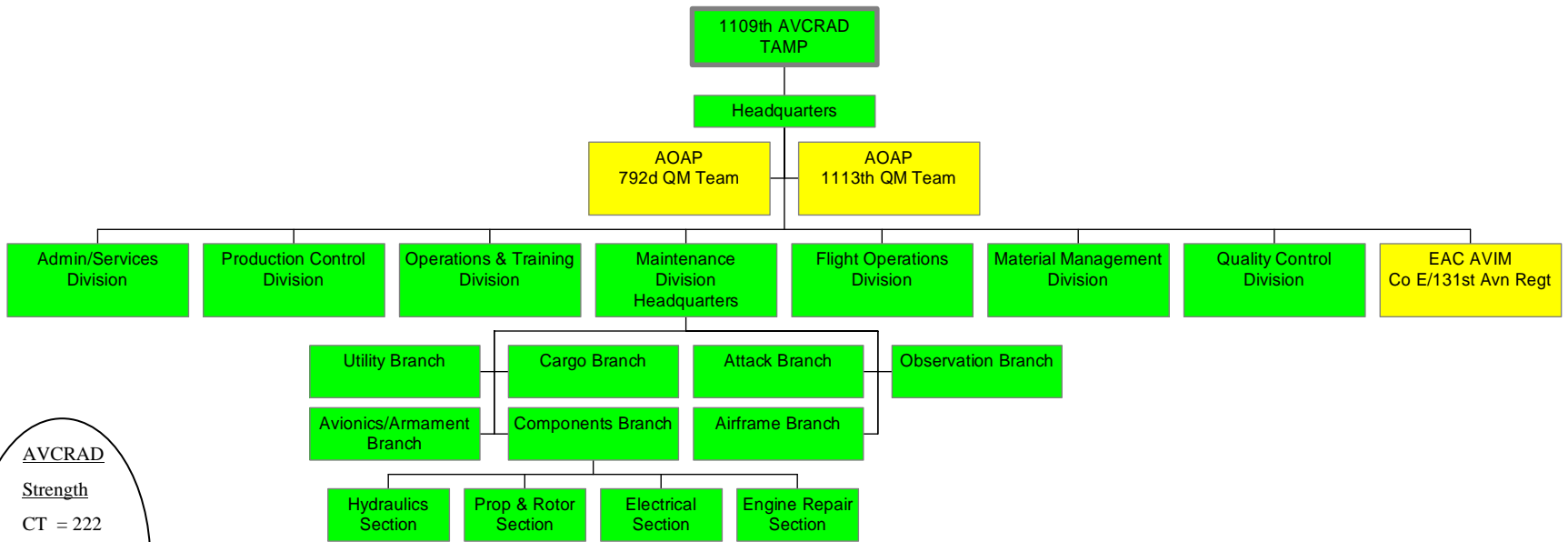
Commander

1109th Aviation Classification Repair
Activity Depot (AVCRAD)



Task Force AVCRAD

Who We Are



AVCRAD
 Strength
 CT = 222
 MS = 74
 MO = 3
 CA = 1
 Total = 300

AVCRAD
 Strength
 Off = 11
 WO = 14
 NCOs = 224
 EM = 50
 DAC = 1
 Total = 300



Task Force AVCRAD Mission

The mission of the 1109th AVCRAD is to operate the Theater Aviation Maintenance Program (TAMP). The TAMP is a centrally coordinated theater aviation logistics program

Missions include:

- Depot maintenance
- Back-up AVIM
- Back-up AVUM
- Provide tailored maintenance repair teams
- Battle damage assessment & recovery (BDAR)
- Evacuation of retrograde Class IX and aircraft
- Operate the Theater Class IX SSA



Task Force AVCRAD

Operations at the Port of Ash Shuyaba

- RSOI – 650 Aircraft
- Retrograde Aircraft – 200+ Aircraft
- Units Supported
 - 101st Air Assault Division
 - 82d Airborne Division
 - 3rd Infantry Division
 - 4th Infantry Division
 - 12th Avn Brigade
 - 11th Attack Helicopter Regiment
 - 1st Armored Division
 - 10th Mountain Division (LI)
 - 2nd LCR
 - 3rd ACR
 - Polish Multi-National Division





Task Force AVCRAD Maintenance Operations

- Aircraft Maintenance Operations
 - Aircraft Repaired - 140
 - Aircraft Phases – 43
 - Crash Damaged Aircraft – 4
- Components Repaired – 1,800+
- Aircraft Recovery Missions in Iraq – 4
- Aircraft Recovered/Retrograde Processing
 - 10 Aircraft Processed for Retrograde to CONUS
 - 7 Prepared for Local Destruction
- Contact Team Support – Throughout the Theater
- AH-64D Apache Download at KCIA – Apr 03
 - Prototype Blade Folding Kits



Task Force AVCRAD Contact Teams

- **11th AHR – Mar – Apr 03 (AH-64D Apache)**
 - AH-64D Apache Battle Damage Repair
 - Scheduled & Unscheduled Maintenance
- **5/158th Avn Regt – Aug 03 – Jan 04 (UH-60L Black Hawk)**
 - Phases – 4
 - Unscheduled Maintenance
 - Technical Inspector Support
- **7/159th Avn Regt – Oct – Nov 03 (AH-64D Apache)**
 - Phased – 2
 - Scheduled Maintenance
- **3rd ACR – Aug 03/Jan 04**
 - UH-60 Black Hawk & AH-64A/D Apache Stabilator Fitting Replacements
 - OH-58D Scheduled & Unscheduled Maintenance
- **Co I/185th Avn Regt – Ali Al Salem – Aug 03 – Jan 04 (C-23C Sherpa)**
 - Avionics
 - ASE
- **5/159th Avn Regt – Oct 03**
 - CH-47D Chinook AN/ALQ-156 Harness Repairs
- **101st Air Assault Division – May 03 – Jan 04**
 - UH-60L Black Hawk Oil Cooler Fan Installation - Udari
 - UH-60L Black Hawk Tail Rotor Driveshaft Alignment - Udari
 - UH-60L Black Hawk Beaded Panel Repair – Mosul
 - UH-60L Black Hawk Stabilator Fitting Replacements - Tikrit
- **CJTF-180 – May – Aug 03**
 - Machinist
 - Prop & Rotor
- **G/104th Avn Regt – Qatar – Overseas Deployment Preparation**



Task Force AVCRAD Material Management

- W2Q – Theater Aviation Supply Support Activity (SSA)
- 6,744 Current Lines – Valued at \$180,000,000
 - Aviation – 5,748
 - Air Traffic Control (ATC) – 994
 - Patriot Missile 1,800+ (removed from W2Q in Jul 03)
- Components Retrograded – 20,000+, Valued at \$750,000,000
 - Multi-Pack Initiative – 700 Multi-Packs shipped
- Requisitions Processed – 56,000+, Valued at \$1,800,000,000
- Units Supported - 31
- Only SSA Exclusively “Green Suit” Until Oct 03
- Movement of the SSA from Camp Doha to Arifjan
 - 94 Tractor Trailers
 - 56,000+ Parts Moved Valued at \$130,000,000
 - Accomplished in 10 Days
 - No loss of continuity or operations



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REUSE

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SERIES



Task Force AVCRAD Airfield Operations

- Established Patton Army Heliport – Operational 13 Apr 03
- Force Protection
 - ECP
 - Perimeter Security
 - Man-Hours Expended – @ 25% of Available Man-hours
- Aircraft Wash Points - 5
- Aircraft Movements – 1,400+
- Air Traffic Control Operations – May – Oct 03
 - 204th ATC Group
- MTFs Supported – 44 Aircraft (at Camp Arifjan)
- MTF Support – 101st AA Div, 112th Med Co (AA), & 10th Mtn Div, 45th Med Co (AA)



Task Force AVCRAD

What We Have Learned

- UH-60 Black Hawks Helicopters Needed
- Pre-Mobilization Preparation/Deploying an AVCRAD
- Logistics vs Maintenance
- Operations in an Austere Environment
- Aviation Theater Supply Support Activity (SSA)
- Retrograde Operations
- NMP/SSF
- Establishing and Operating an Airfield
- Transportation
- Automation
- Contractors
- Force Protection
- Soldier Issues
- Critical Repairs – Blades, Engines, AN/ALQ-144