



# Department of Defense Maintenance Symposium

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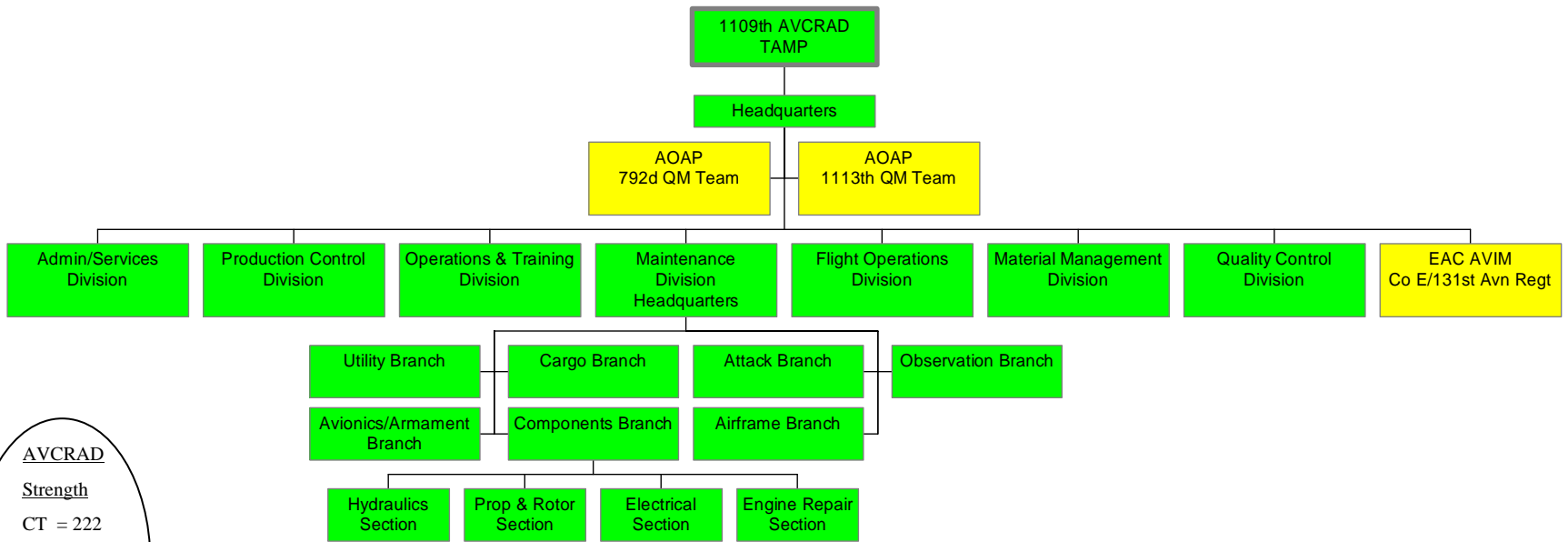
Commander

1109<sup>th</sup> 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 1109<sup>th</sup> 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
  - 101<sup>st</sup> Air Assault Division
  - 82d Airborne Division
  - 3<sup>rd</sup> Infantry Division
  - 4<sup>th</sup> Infantry Division
  - 12<sup>th</sup> Avn Brigade
  - 11<sup>th</sup> Attack Helicopter Regiment
  - 1<sup>st</sup> Armored Division
  - 10<sup>th</sup> Mountain Division (LI)
  - 2<sup>nd</sup> LCR
  - 3<sup>rd</sup> 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

- **11<sup>th</sup> AHR – Mar – Apr 03 (AH-64D Apache)**
  - AH-64D Apache Battle Damage Repair
  - Scheduled & Unscheduled Maintenance
- **5/158<sup>th</sup> Avn Regt – Aug 03 – Jan 04 (UH-60L Black Hawk)**
  - Phases – 4
  - Unscheduled Maintenance
  - Technical Inspector Support
- **7/159<sup>th</sup> Avn Regt – Oct – Nov 03 (AH-64D Apache)**
  - Phased – 2
  - Scheduled Maintenance
- **3<sup>rd</sup> ACR – Aug 03/Jan 04**
  - UH-60 Black Hawk & AH-64A/D Apache Stabilator Fitting Replacements
  - OH-58D Scheduled & Unscheduled Maintenance
- **Co I/185<sup>th</sup> Avn Regt – Ali Al Salem – Aug 03 – Jan 04 (C-23C Sherpa)**
  - Avionics
  - ASE
- **5/159<sup>th</sup> Avn Regt – Oct 03**
  - CH-47D Chinook AN/ALQ-156 Harness Repairs
- **101<sup>st</sup> 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/104<sup>th</sup> 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







## 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
  - 204<sup>th</sup> ATC Group
- MTFs Supported – 44 Aircraft (at Camp Arifjan)
- MTF Support – 101<sup>st</sup> AA Div, 112<sup>th</sup> Med Co (AA), & 10<sup>th</sup> Mtn Div, 45<sup>th</sup> 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