

ANSF EOD SCHOOL

Soldiers assigned to an EOD unit, in the capacity of an EOD Team member will be authorized to wear this as the unit patch.

The Shield represents the fact that they are defense against unexploded ordnance, mines and IED's.

The bomb represents the danger involved, and what they work with.



The colors are the national color, which will be their theater of responsibility.

The Bomb, wreath and silver star represents the highest achievement in EOD Training - IEDD.

The scroll with the inscription "Protecting our Nation and it's People"

MAZAR I SHARIF, AFGHANISTAN



ANA EOD

- ANA EOD School located in Mazar E Sharif, Bahkel Province, RC North
 - School is to be transferred to the Ministry of Defense by 2014
 - Training is contracted to RONCO with ANA Instructors (limited experience) and 24 retired UK EOD personnel
 - Basic Requirement for Acceptance – Level 3 Literacy test (if fail, given one night to prepare for similar test)
NCO or Volunteer w/ 3 years left on contract
 - No background check prior to arrival
 - Biometrically enrolls candidate w/ HIIDE system upon arrival



ANSF EOD Training

EOD Operators Course

- 12 Weeks

- Capacity 80 Students
ANA/ANP

- Trains on:

- UXO/ERW (explosive remnants of war) identification only
- Render Safe Procedure
- Disposal Procedure

IEDD Operators Course

- 9 Weeks

- Capacity 24 Students
ANA/ANP

- Trains on:

- IED/HME identification only w/ initiating systems
- Render Safe Procedures
- Disposal Procedures
- Hands on Robotics
 - MMP 30 Robot

HE WHO TOUCHES ME
WILL REPENT



Certificates Awarded by EOD Branch

- EOD Level 4 – Graduate of EOD Course (Handle UXO/ERW only)
- EOD Operators Assistant (O/A) – Graduate of EOD course and has completed theory portions of IEDD course as well as serving successfully as an assistant during Level 1 certification (UXO/ERW & team member on IEDD team) those recommended by RONCO or Coalition partners may return to complete Level 1
- IEDD Level 1 – Graduate of EOD course and has completed theory portion and 2 and 3 practical exercises of IEDD course successfully (Highest level offered, Full spectrum of explosive threats on the battlefield)
- EOD O/A's must currently return to the EOD school to complete practical exercises in order to be granted IEDD level 1 certification



Challenges for Production of ANSF EOD/IEDD Teams



- Selection / Recruiting standards: Literacy and Numeracy
- Low number of motivated volunteers
- Pay issue – Can earn more in the civilian market as a EOD Tech
- Limited training time per day (5-6 hours)
- Movement to and from the school from operational units
- Utilization of EOD/IEDD qualified PAX in non EOD/IEDD roles



ANSF EOD Training Plan

- Once the EOD Tech/IEDD or OA/IEDD operator returns to his command, he will be slotted in the appropriate position and start partnering
- If member graduates and does not partner within 90 days, specified contractor will provide 4 weeks of additional training, more than 90 days 8 weeks of training
- Once they have enough members to complete a team, they will issue equipment and start conducting independent operations(1 EOD tech, 1 IEDD O/A and 1 IEDD operator)



ANSF EOD Partnership

(as of Jun 11)

- 7 EOD teams within RC-South
 - 3 teams assigned to 4/1/205, 1 team assigned to 1/205 RCC at Camp Hero, 2 teams -2D BDE ANCOP at the JRAC, 1 ANP team at Daykundi
 - 4 teams operational
 - 1 team undergoing validation
 - 1 team training
 - 1 team lacks equip/partnership (ANP)



EOD Equipment

(Based on Current MTOE)

- MMP 30 Robot
- KEJO Bomb Suit
- Diming Suits w/ Helmet and Visor
- Hook and Line BombTec Kit
- Vehicle Access Kit
- Lightweight Tripods
- XR200 X-Ray Source
- Digital Imager (RTR-4)
- 803 X-Ray Film
- Symphony ECM
- Shrike Exploder
- Minelab F3 Mine Detector
- Valon VMH3
- Magnetic Locator, Subsurface ML-1M
- Pigstick Disrupter
- D-Armer .50 cal
- Rocket Wrench (RE61RW)
- Shrike Test Meter
- Battery Charger
- Class V Explosives (multiple)
- Mine Probe



ANSF ECM

- Symphony CREW System
 - Active System (Jammer Only)
 - Usually 3 systems per RCC
 - Utilizes lithium batteries similar to D cell batteries
 - If used correctly batteries last 6 months
 - Due to ANSF Fuel Ration, ANA will leave vehicle's running with system on for long periods of time which restricts battery life to roughly 3 days
 - When the Symphony system detects Low Voltage the system thinks that it is being tampered with and erases all frequency fills



ANSF ECM

- Symphony CREW System
 - When jump starting ANSF vehicle if the Symphony power switch is in the ON position it will fry the systems mother board
 - ANSF members have taken batteries out to play music or put them in something else
 - US mentors can only constantly reinforce the need to properly check the on/off switches and batteries to ANSF leaders.
 - The Problem in the RCC is less compared to other ANSF units due to strong mentoring by US personnel
 - 13 Symphony FSR's in Theatre (Lockheed Martin)



ANA Route Clearance



SAPPERS LEAD THE WAY!

UNCLASSIFIED / FOUO



1st / 2nd 209th ANA Route Clearance Company



- Training Location Consolidated Field Center (CFC) on FOB White Horse near Kabul
- Trained by 1014th Sapper Company, TF Roughneck and 190th Engineer Company, TF Sword
- ANA 3-34.220 Route Clearance Leaders Handbook
- <https://www.us.army.mil/suite/doc/36442157>





ANA RCP Mission Set

- Embedded with various US RCP company's pending location
 - 1014th Faryab Province, TF Roughneck
 - 190th Kunduz Province, TF Sword
 - 288th Sapper Co, Tarin Kot
 - Embedded US units conduct training and mentor
 - Drivers Training, PMCS, Radio equipment, Weapons systems, Dismounted Operations, Current TTP's per location



RCP Equipment

- HMMVV 1151 w/ Panama City Gen III Mine Roller System





RCP Equipment

- AN-PSS 12
- AN-PSS 14
- MMP-30 Robot
 - Purchased due to its ease of operation, durability, cost effectiveness





ANA RCC Minimum Mission Requirements

1. M1151 HMMWV
- 2. AN/PSS 12 mine detector
- 3. SYMPHONY ECM System
- 4. Mine Roller
- 5. EOD Tool set
- 6. EOD Bomb Suit with Helmet
- 7. Trailer M105 $\frac{3}{4}$ ton
- 8. Radio set
- 9. M2 .50 Cal Machine Gun
- 10. M240b 7.62mm Machine Gun
- 11. Robot
- 12. Demolition Kit
Per ANA 3-24.220



RCC TTP's

- ANA 3-34.220 Route Clearance Company Leaders Handbook
 - Mirrored off existing US TTP's with modification due to MET-TC
 - Plus all info from 7th EN BN at FOB Shank with training

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