



MCoE IED Defeat

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Current Events

"We're slated to draw down an additional 23,000 by this summer. There will be a robust coalition presence inside of Afghanistan during this fighting season to make sure that the Taliban understand that they're not going to be able to regain momentum....After the fighting season, in conjunction with all our allies, we will continue to look at how do we effectuate this transition in a way that doesn't result in a steep cliff at the end of 2014, but rather is a gradual pace that accommodates the developing capacities of the Afghan national security forces." U.S. President Barack Obama

As spring approaches in the regions of Afghanistan, so does the year's notorious fighting season. This spring offensive should not be carelessly associated with just the AF-PAC arena, but the whole world. This is nothing new and the dangers our Soldiers face evolve every day. Taliban Commanders in eastern Afghanistan have announced to Al Jazeera that they will no longer show leniency towards Afghan forces, "we tried to make American targets the priority, but the damage created by Afghan forces has become more and more every day...now they are our priority," Mullah Dowran (a regional Taliban commander near Kunar province) said. The Taliban are also in search of their families in an effort to persuade Afghan police and soldiers to defect. It is still too early to gauge the strength of their spring offensive. However, we would be irresponsible to assume that U.S and Coalition forces would no longer be the focused target for their outrage.



Regional Taliban commander tells Al Jazeera that Afghan forces are priority targets now, rather than US forces. (Picture/Video Aljazeera.com)

The Improvised Explosive Device (IED) remains the weapon of choice by the enemy and they are resourceful in acquiring a steady stream of supplies. To aid our Soldiers at the Maneuver Center of Excellence, new equipment and weapons are being designed and fielded to keep pace with the constantly evolving IED-laden battlefield. The advancement of fielding can both help and hurt our Warfighters at the same time. These items are only as good as the Soldiers using them. We have a responsibility to educate ourselves as well as our Soldiers to ensure that each item of equipment is placed into operation properly and employed to its fullest potential. This includes tactical employment theory as well. Education coupled with proper Preventive Maintenance Checks and Services (PMCS) will also ensure that the equipment works when it is needed. Leaders must maintain the same standards of Pre-Combat Checks (PCC) and Pre-Combat Inspection (PCI) from day one until the final day of their deployment. The MCoE CIED Team can help you equip yourselves and your Soldiers with the latest information on IED Awareness, Counter Radio Controlled IED Electronic Warfare (CREW), Live Training support, and Virtual Battle Space 2 (VBS2). Commitment to deliver the highest quality training and training support is our priority.

During the past month, your MCoE CIED Team has provided support in the form of IED Awareness Classes, Threat Briefs, Pyrotechnical Support, Virtual Training, and Subject Matter Expert support to units across Ft. Benning. We have conducted IED training lanes for mounted and/or dismounted exercises for the Armor Basic Officer Leaders Course (ABOLC), 192nd, 194th, 197th, 198th, and the 11th Engineer Battalion, 63rd Engineer Company. We presented 3rd Battalion, 11th IN Regiment Officer Candidates School (OCS) and the Non-Commissioned Officer Academy's Maneuver Senior Leaders (MSLC) Course with IED Awareness classes and 90 day Global IED Threat Updates. Team members conducted the monthly CIED Global Threat Update for IED Instructors of the CONUS Replacement Center and we began construction on several lane enhancement initiatives for their Dismounted IED Training

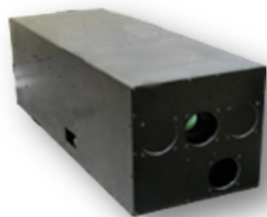
CIED Technology

Advanced Reconnaissance Corp (ARC) Launches New Line of Compact Hyperspectral Imaging Systems

ARC is one of the world leaders for the research, development, and production of advanced multispectral and hyperspectral sensor systems with real-time processing for intelligence, surveillance, and reconnaissance applications. This month the company announced the launch of its new line of compact hyperspectral imaging systems for commercial and military markets.

The system is designed to be lightweight and handheld or wearable for dismounted operations; to include applications for intelligence, surveillance, and reconnaissance manned aircraft, UAVs, vehicles, fixed or mobile stations. ARC states that they offer hyperspectral and multispectral imaging sensors that deliver precise detection and declaration of threats for the following:

IEDs and Hidden Munitions, Missiles, HME, Hostile Fire, Counter Narcotic & Illicit Trafficking, Border Protection, and Search and Rescue. ARC also provides “purpose-built systems configured to mission requirements to provide users with complete, turn-key solutions - from sensor hardware to data exploitation - not found anywhere else in the world.” One particular airborne solution is the AA330XX series (depicted to the left), which is a multi-generation multi-mission airborne payload, suitable for fixed wing and rotorcraft. Its applications include: Tunnel Detection, Border Protection, Search and Rescue, and IED Detection.



AA330XX

(Click [here](#) for more information)



Pictures from Advanced Reconnaissance Corp.

“Persistent RSTA/ISR is a vital tool for countering the IED threat and identifying the threat networks conducting IW. RSTA/ISR capability enhances Army intelligence readiness, leverages Joint/National capabilities and integrates with battle command at all levels to generate actionable intelligence.”

[U.S. Army Posture Statement 2011](#)

Fort Benning CIED Training

THOR III-T Simulator Training

Some incidents that have occurred in Afghanistan involving Radio Controlled IEDs (RCIED) where CREW Systems were present can be attributed to operator error or the device was not even placed into operation. At times, Soldiers failed to place the system into operation because they had no operating knowledge of the dismounted jammer and never saw the device until they received it in theater (refer to CALL Bulletin, 12-09, March 2012).



Your MCoE CIED Team can assist your unit in gaining the education and necessary skills needed when dealing with

the Counter Radio Controlled Improvised Explosive Device Electronic Warfare (CREW). We offer classes for both the CREW Version 2 (similar to the Duke Version 2) and the THOR III Trainer. Training our Soldiers how to operate, trouble shoot, and perform Preventive Maintenance Checks and Services (PMCS) will ensure that they properly use them when deployed. We also offer Virtual Battle Space 2 Training which contains both a vehicle mounted and dismounted system. Our CREW and VBS2 Simulation classroom is located at building 8070, Leyte Field. Our seating capacity is 45 Soldiers per class.



Topics addressed during the course of instruction include:

- How to assemble the THOR III Set
- How to place the THOR III into operation
- How to manage the THOR III during operation
- How to perform shutdown procedures on the THOR III
- How to perform PMCS and clean the THOR III

(Click [here](#) to request training or contact 706-544-6246)



The CIED Team hosted a THOR III Trainer class at the MCoE CIED Training Facility. The facility now has enough CREW systems to teach 20 student Train the Trainer classes on a regular basis to MCoE Units.



Fort Benning CIED Training (cont'd)

CIED Training Support for the 194th

The MCoE CIED Team provided IED SME support to the 194th Armor IED lane. Cadre of Delta Company 2/47 requested a current IED threat briefing, IED Petting Zoo device discussions, and emplacement of devices on the dismounted IED lane. The following CIED tasks and battle drills were trained: React to a possible IED, Conduct the 5 and 25 meter scan, Conduct the 5Cs, and Identify Visual Indicators of an Improvised Explosive Device, Evolving TTPs, types of IEDs, and the enablers used to defeat various types of detonation devices.



"IEDs are here to stay. They are a global threat. They're not confined to Afghanistan and Iraq. IEDs have been employed with devastating effects around the world—from Mexico, to Madrid, London, Bali, Colombia, the Philippines, India, Sri Lanka, Russia, and most recently in Mumbai and Somalia. Vehicle-borne IEDs have been the weapon of choice in high profile and lethal attacks on U.S. embassies in Lebanon, Kenya and Tanzania, and military and government targets in Yemen, Germany, Oklahoma City and Oslo...The car bomb attack in Oslo, Norway, and the Mumbai IED attack illustrate that IEDs can strike any time with devastating consequences."

LTG Michael Barbero, JIEDDO Director

The IED Awareness class covered the following: Submitting Explosive Hazard report (EH), 5/25/200 meter scan, Conducting the 5Cs (confirm, clear, cordon, check, control), Components of an IED, and Reactions Upon Contact with a PBIED (Compliant and Non-Compliant), Methods of Employing IEDs Hasty and Deliberate, and Rules of Engagement and Escalation of Force when dealing with VBIEDs and SVBIEDs. Upon the completion of the classroom portion of training, members of the MCoE CIED Team displayed several types of IEDs, components, precursors, and CIED enablers. One M1151 HMMWV with SPARK Roller, and CREW (Duke and THOR III) systems were displayed and briefed to the Trainees.

The dismounted lane using the IEDES non-pyrotechnical devices and booby traps were provided by the CIED Team. Several devices were emplaced on the lane to evaluate the Trainees' ability to identify the indicators. If the Trainees identify the devices or indicators, they would be disarmed and the cadre would explain the enemy TTPs. The Lane has 10 Petting Zoo Stations: Homemade explosive, two Remote/Radio Controlled IEDs (one hasty emplacement with conventional munitions and one deliberate emplacement with HME), Victim Operated IED, Command Wire IED, Directional Focused Fragmentation Charge, Explosively Formed Penetrator/Projectile, House-Borne IED, Person-Borne IED, and Vehicle Borne IED. A team member briefed enemy and friendly TTPs, 5Cs, 5 components of an IED, 5/25/200 meter scans, and CIED enablers such as the SPARK, CY-CLONE, RHINO, CREW, SCHONSTED, and THOR III Systems.

The CIED Team served as SMEs in support of 194th IED lane for the Trainees of Delta Company 2/47 Infantry. The CIED Team assisted the cadre train 204 Trainees.

CIED Training Tip

Online Training Resources Readily Available! A New Tool on the ALMS.

The MCoE with the assistance of the CIED Team has been busy since 2009 in the development of several "Online" lessons concerning CIED related topics. The original concept was to develop two courses that would address separate topics for the NCOES and the OES respectively. With the challenge posed by an ever evolving enemy, it was decided that both courses would be made available to all Warfighters through the Army Learning Management System.

To access, go to:

1. AKO- Login
2. Click on Self Service
3. Click on My Training
4. Go to the module that says "ALMS" and click on the logo
5. Select "Catalog Search"
6. Type "IED DEFEAT" in the search box
7. Select: "register" under "MCoE Infantry Improvised Explosive Device (IED) DL Course"
8. Scroll to the bottom and select "Continue Registration"
9. Go to enrollments and launch the IED course



(Click [here](#) for AKO Website Login)



CIED Team Future Initiatives

- Maintain SME assistance to the MCoE's Training and Doctrine Development in the development of the Dismounted Counter-IED Tactics Master Trainer course.
- Monitor construction on the Ground Mobility Division (GMD) CIED training lane.
- Provide IED Awareness/Threat updates for 2/16 CAV, 3/47 IN, and the M-SLC.
- Support scenario development, test lanes, and device construction for the Robotics Rodeo.
- Provide SME support for CIED related events, experiments, etc., conducted at the MCoE.
- Continue quarterly assessment and refinement of the CIED POIs delivered at the MCoE.
- Ensure the CONUS Replacement Center (CRC) training relevancy with monthly CIED updates and provide CIED subject matter expertise for training lane.
- Provide CIED SME assistance to DPW regarding construction of Afghan styled dwellings on the MCoE HSTL.
- Respond to RFIs regarding MCoE CIED training submitted by the Joint Services.
- Support the 192nd, 197th, 198th, 199th IN BDEs, and 194th Armor BDEs and prepare for the future CIED training support requirements of the 316th CAV BDEs.
- Remain flexible, adaptive, and proactive in the team's efforts to provide the latest relevant training to the Warfighter.
- Continue to share TRADOC environment "Best Practices" with the Force.

Commitment

Successful Armies throughout history have aggressively sought out solutions to training demands that helped their Soldiers to stay relevant and flexible enough to meet demands created by their Operational Environment. The purpose of the CIED Team in support of the Rapid Adaptation Initiative, is to provide relevant and effective CIED training. It is based on analysis of current IED threats and the CIED Team's recommendations for training "Best Practices" at the MCoE in an effort to maintain the Soldier's preparedness for today's operating environment.

CIED Team Lead Comments

As the Army continues to adapt and evolve with the ever changing threat posed by enemy forces that use the IED as their preferred means of engagement, so do the types of IED related training. Leaders are aware of the various mainstream training mediums that include the Home Station Training Lanes, FORSCOM CI2C Cells, VBS2 Simulations labs, and a plethora of Mobile Training Teams. What they may be less aware of are some avenues to training CIED skills through online programs such as the ROC-IED series found through the use of AKO, and now the MCoE's IED-Defeat Distance Learning program (all resources with links provided inside this newsletter). These programs provide Soldiers access to IED related training topics around the clock and are delivered in an interactive format to prevent typical boredom from setting in.

The MCoE CIED Team is on-call to support any unit requesting CIED training, Professional Development (PD), or Subject Matter Expert (SME) assistance during field training. To schedule training contact Tom Dale at 706-545-6577, thomas.l.dale.ctr@mail.mil or Jerry Niggemann 706-545-6516, gerald.e.niggemann.civ@mail.mil.

Quick Links:

[RFMSS Homepage](#)

[OEF Training](#)

[CALL UTPP
Bulletin 2011-02](#)

[ROC-IED Training
Link](#)

[RAPID Reports](#)

[Marine Corps
Center for Lessons
Learned](#)

[CREW Training](#)

(CAC login/
Registration may
be required for link
access)

*The goal of the
MCoE CIED
Team is to provide
relevant CIED
training
opportunities to all
Soldiers and
Leaders at the
MCoE.*



Tom Dale



MCoE IED Defeat

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Links of Interest

- Joint IED-Defeat Organization @ <https://www.jieddo.dod.mil/>
- KNIFE Training site @ <https://jknife.jieddo.dod.mil/pages.knifepublic.aspx>
- Center for Army Lessons Learned @ <https://call2.army.mil/>
- Combined Arms Center @ <https://ctd.army.mil/external12/BSTPs/ied-tsp/index.asp>
- Capabilities Integration Team (CIT) Rep
NIPR: ben.clapsaddle@us.army.mil
SIPR: ben.clapsaddle@us.army.smil.mil
- Directorate for Counter IED:
<http://www.wood.army.mil/dcied>
- Army CIED Professional Forum
<https://forums.army.mil/SECURE/CommunityBrowser.aspx?id=131710&lang=en-US>

Around the World

(IED topics from around the world)



What is Network Engagement?

While Attack the Network focuses on neutralizing the threat network, Network Engagement operations are defined as lethal and nonlethal actions or operations against friendly, neutral, and threat networks conducted continuously and simultaneously at multiple levels.

Operational Approach Overview:

Adaptive networked threats present an enduring challenge to unified land operations. Neutralizing them requires a three-pronged approach:

- Supporting friendly networks
- Influencing neutral networks
- Neutralizing the capabilities of the threat networks

The Network Engagement (AtN) operational approach includes five lines of effort:

- Supporting friendly networks as the decisive operation
- Influencing neutral networks as a shaping operation
- Neutralizing threat networks as a shaping operation
- Protecting the force as a sustaining operation
- Inform and influence activities (IIAs) as an all-encompassing shaping operation for the overall mission

Network Engagement POC:

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