



You may have to fight a battle more than once to win it.
 ~Margaret Thatcher

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

Planning for future operations, be it combat, humanitarian or advise and assist, requires preparation and training. Regardless of where your mission takes your unit, you will face the possible threat of improvised explosive devices. Each mission may require a special tool or device and with that comes the need for training. Knowing the capabilities of your equipment inventory and being able to employ each device will increase your unit's odds in winning the fight.

First, for each enabler there should be at least a primary and an alternate operator to ensure that there are no gaps, if and when, something should take the primary operator away from the fight. Seeking out the source for training and education should be the next step. Receiving the knowledge first-hand or through alternate means, such as distance learning, can give the unit an edge, unmatched in the field. Lastly, incorporating each tool or enabler into your training scenarios and mission rehearsals will help iron out any employment issues.

There is no question you are going to face IEDs; it's the when and where we are unsure of. Finding IEDs prior to the blast takes skill. Those skills must be developed through time, situational awareness, and recognizing the ground signs and indicators being displayed in the contemporary operating environment (COE). Courses like Advanced Situational Awareness (ASA) and the Dismounted Counter-IED Master Trainer Course (DCT-MT) can help each unit by training subject matter experts (SMEs) to aid each command in developing the approach to each mission problem set.

The MCoE's C-IED Team continues to provide quality support to all. Whether it's live, virtual, mounted, or dismounted training, we are providing each unit with relevant information and life-saving training. Virtual Battle Space 3 will provide your unit with the opportunity to identify issues prior to conducting live training and missions in an IED-laden environment. Threat and IED Awareness briefings will refresh your Soldiers who have multiple deployments and educate newly assigned personnel. Counter Radio Controlled Improvised Explosive Device Electronic Warfare (CREW) training, Hand Held Detectors (HHDs) Training, and familiarization of the numerous other enablers will add to your unit's preparation for upcoming training or deployments. The team can also help Units and Commanders identify effective training applications to help support C-IED learning during "white space" times or periods of budgetary restrictions.



Knowing the enablers that are available to your unit and their capabilities can enhance survivability and combat effectiveness.



Incorporating IED tasks into each of your training scenarios and mission rehearsals can save countless lives.

Technology

Knowing when and where to employ your enablers can greatly reduce your unit's exposure to a possible improvised explosive device (IED). Utilizing the available enablers to confirm that an IED is present can save lives and time while waiting for explosive ordnance personnel.

The use of military working dogs takes time and training. Having a specially trained K9 available for every training event is not possible. Add to that the future uncertainty of our defense budget. We must continue to search for alternate means of training.

The Naval Research Laboratories have come up with a possible solution to fill the void. Using a system called Rover, along with some Xbox equipment and Virtual Battle Space, dog handlers can hone their dog handling skills. Using the [Xbox Kinect](#) device, handlers can give hand and arm commands to the K9. The system is still in the developmental stage, but this could be just one way to fill the training gap. ([Learn More](#))



Military working dogs can save lives if properly employed.

C-IED Support Spotlight

Manned Unmanned Teaming (Ground) MUM-T (G) LOE

SITUATION: Experiment to synchronize employment of manned/unmanned air & ground platforms and sensors to achieve enhanced situational understanding, greater lethality and improved survivability.

WHO: Maneuver Center of Excellence, Maneuver Battle Lab, Maneuver Support Center of Excellence, and Sustainment Center of Excellence .

WHAT: Manned Unmanned Teaming- Ground or MUM-T (G) Limited Objective Experiment.

WHERE: Black Hawk Trail, Combined Arms Collective Training Facility 2, and Training Area 3 & 4.

SUMMARY: The concept of MUM-T (G) is to combine the inherent strengths of manned and unmanned platforms to produce synergy and overwatch with asymmetric advantages.

FUTURE: The C-IED Team continues to assist organizations in improving training scenarios by providing the most up to date Tactics, Techniques, and Procedures on IEDs and their threats to Warriors in the operational environment.



MCoE C-IED Training



“MEDIC!”

It's a cry no one wants to hear, but when announced, Soldiers can count on the fact that one will defy all obstacles to assist his fellow man, both friendly and in many cases hostile. No where is this more frequent lately than in that of an IED filled environment. One minor misstep outside of a cleared lane by a Warfighter, and their world can be suddenly and explosively turned upside down.



Just like our Infantrymen, Scouts, and Armor crews, medics also have to understand how their role in operations could be affected by the enemies' use of the improvised explosive device.

Recently the 690th Ground Ambulance Company of the 14th Combat Support Hospital conducted Expert Field Medical Badge (EFMB) Testing with support from 3ID medics of the 3HBCT, near Fryar Drop Zone (TTB Voyager). The skills they were tested on were designed to ensure they could on order, deploy and provides ground medical evacuation capabilities in support of joint and/or coalition forces engaged in decisive action and global contingency operations. This included conducting these actions in an IED environment.

Units who wish to augment their lane training can request a Global IED Threat Update. The following items are addressed inside one of these 2-3 hour sessions:

- Counter-IED Facts
- IED TTP sharing
- IED types and typical employment methods
- Mounted and Dismounted attack TTPs used in Afghanistan
- Atmospheric
- CREW concepts
- Introduction to Insider Threats
- Where to find additional C-IED training resources



- The MCoE C-IED Team works hand in hand with the Warrior University to share the Best Practices with the Warfighter. This portal is organized as a professional "home" for Infantry, Armor and Cavalry Soldiers, and leaders to facilitate and foster lifelong professional relationships. The mission of Warrior University is to synchronize and integrate all maneuver training so the right Soldiers receive the right training at the right time, regardless of their physical location.
- You will now find material related to the MCoE's C-IED Training Team, AtN, and DCT-MT.



Qualified aspirants for the Expert Field Medical Badge conduct their mandated tasks while in an IED environment. The MCoE C-IED team employed the Non-Pyrotechnic IEDES kits with sound enhancements in support of their testing. (Dec 2014)

C-IED Team Lead Comments

Lest we forget.....

"We have no greater responsibility than providing for the safety and security for our citizens, allies and partners...In issuing this policy statement, I recognize the important achievements to date and establish our priorities for the future in countering the threat. We must not become complacent, but must continue to challenge ourselves and each other to be more effective against these threats..."

Countering Improvised Explosive Devices memo dated February 26, 2013 signed by the President of the United States.

Adhering to this principle, we always strived to gather, organize and present the latest and most relevant IED related material to our training audience here at the MCoE. Leaders, trainers, and the Warfighters need to be aware that despite the media's efforts to keep us informed, sometimes they divert our focus in less relevant directions.

Case in point: for years now the news and Western media sources have told us about how IEDs are becoming more technically advanced, causing an increase in activity to find counter measures to these new threats. What doesn't get addressed enough is the use of "Old" concepts, which leads new Soldiers to think that they'll only encounter high tech threats.

Within the last 8 months, we've seen mining/sapping operations using tons of explosives to target specific sights, increased suicide bombing activities that cover the full spectrum of bomber identities: men, women, and children; be they're willing or unwilling, and most recently, after we published an article on the possibility of Hollywood like media being used to share "Operational designs and concepts" [November 2014 issue] and actual bird bomb, as seen in both the movie "The Four Lions" and ancient Chinese military explosives manuscripts.

With this being said, we can't stress enough that although technological enablers like MRAP type vehicles, the full range of detectors and counter measures, dogs, and local population engagements and interactions are great, but Soldiers need to remember the basics.

Simply put, IEDs are placed in areas that "traffic" IS expected to traverse, for the obvious reason that, no matter how technologically advanced the device is, it does no good in most cases, for the enemy if it doesn't strike a victim who just crossed paths with it. This needs to be reinforced with the fact that what was old once, like that soft drink can filled with explosives, is just as dangerous today as it was when it was first employed, if we're not "looking" for it. (The sapping of the ground under the Syrian hotel is a concept as old as the Romans and employed to great effect during the Middle ages, but it was missed, because it was not expected).

Let's kick off the New Year's training demands by doing it right.

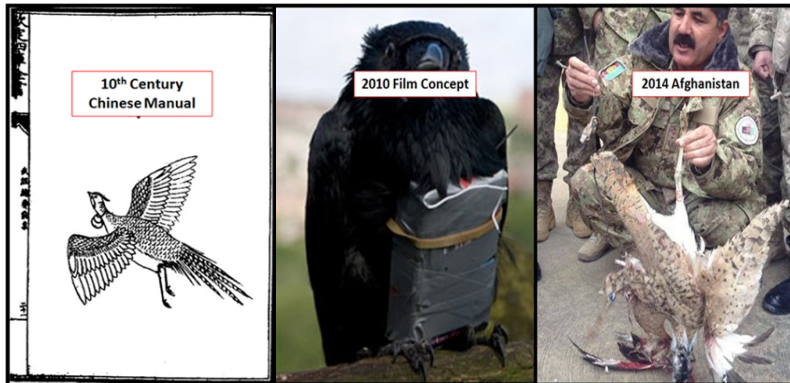
The C-IED Team is on-call to support any requesting unit.

To schedule training contact, Mr. Tom Dale at 706-545-6577, or

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Old school image and still as dangerous to the unprepared



Quick Links:

[RFMSS
Homepage](#)

[Waterborne IEDs](#)

[DHS IED Fact
Sheet](#)

[ROC-IED
Training Link](#)

[MCoE CIED
Smart Guide &
Apps](#)

[Marine Corps
Center for
Lessons Learned](#)

[CREW Training](#)

[Attack the
Network
Homepage](#)

[West Point
Negotiation
Project](#)



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Links of Interest

- **Joint IED-Defeat Organization** @ <https://www.jieddo.mil>
- **JKnIFE C-IED Training site** @ <https://jknife.jieddo.mil>
- **Center for Army Lessons Learned** @ <https://call2.army.mil/>
- **Combined Arms Center** @ <https://ctd.army.mil/external12/BSTPs/ied-tsp/index.asp>
- **Directorate for Counter IED (DCIED)** @ <http://www.wood.army.mil/dcied>
- **Army C-IED Professional Forum** @ <https://www.us.army.mil/suite/collaboration/GetDocument.do?doid=17964848>

(Users should be aware of site maintenance down times)

MUMT-G LOE (Continued from Pg 2)



Synchronizing Man & Machine against the IED

