



"I don't want us to be so focused on the IED that we miss the next IED. The enemy is creative and adaptive, and we have to be equally so." Lt. Gen. John D. Johnson, Director of JIEDDO

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

With the holiday season fast approaching, we have to remain ever vigilant. Extremist organizations or home grown violent extremist (HVEs) might see a large venue such as a shopping mall or a religious gathering as a prime target. It doesn't have to be a scheduled event or gathering to make a statement when using the most effective weapon in their arsenal: the improvised explosive device (IED). We teach our Warfighters how to identify IEDs while on patrol in their operational environments and the protective measures that need to be exercised once the device has been discovered. We also need to be able to translate these actions into what to do if a suspicious device is identified while at home.

Over time the term IED has come into common use, but what hasn't changed is the mindset that this cannot and will not happen in my town. Spreading the knowledge of the dangers of IEDs and how to report suspicious items needs to be a priority along with reporting suspicious activity. Our military, emergency services, and local law enforcement conduct drills or exercises replicating the events to ensure that they are working in concert with each other. Civilians need to be involved in these drills as well. Talk to your family and friends who may not be familiar with the associated actions and reporting outlets when encountering suspicious devices. Warfighters can use [iSalute](#), [iWatch](#), and if suspicious activity is being observed call 911.

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.



The fall season brings large gatherings for sporting events which presents a highly televised target of opportunity for terrorists



Shopping malls and other places of business tend to be more crowded during the holiday season which can easily turn into a high value target.

3D Anomaly Trainer

The MCoE C-IED Team has gained a great asset that will enhance your unit's training and give our newer Warfighters a better chance at discovering improvised explosive devices (IEDs). The 3D Anomaly Trainer supplied by Army Research Lab (ARL) provides units operating under budget constraints with the opportunity of "walking the land" without moving a single piece of equipment. The system comes in an easily transferable case and can be set up in a small area requiring at the most a table, a squad's worth of chairs, and access to a power outlet. The kit comes with 3D glasses, monitor, and 3D media playing device. With 22 scenarios, this new system was designed to provide training on IED-search skills in desert, mountainous, and wooded terrain environments. Training consisted of video clips with visual indicators of IEDs, IED components, enemy-emplacement tactics, decoy tactics, signs of human activity, and sun-angle effects on visual cues from the point of view of a person traversing terrain on foot. This asset can be used as a stepping stone during any phase of training in order to give our men and women a fighting chance against the deadliest weapon in any operational environment. To find out if your installation has the training system please email contacts provided (see last page for email addresses).

Anomaly Detection Training UNCLASSIFIED//FOUO

Anomaly Detection: A technique used to detect, recognize, and understand objects or areas that are out of place.

- The goal is for Warfighters to improve their ability to detect, recognize, and understand potential threats based on aspects of the environment, the object, and its context.
- High resolution images are presented on a computer and Warfighters practice identifying IED related anomalies with expert feedback.

UNCLASSIFIED//FOUO

3D HD Video Training Lane UNCLASSIFIED//FOUO

The video training lane provides a high fidelity opportunity to test and practice visual detection skills.

- The goal is for Warfighters to learn about IEDs and their indicators
- Soldiers view 3D video imagery of realistic IED situations.
- SME feedback guides the Soldier in learning

UNCLASSIFIED//FOUO

Training Spotlight: A 1/19TH IN

On 29 August and 02 September 2014, The Maneuver Center of Excellence C-IED Team supported A 1/19th IN during their Mounted React to Contact C-IED Lane (MRTC). Each Soldier was taken through the crawl-walk-run phases of training utilizing enablers that the MCoE C-IED Team employs.

For the crawl phase, Soldiers participated in eight of 22 3D anomaly training scenarios that allowed Soldiers to identify indicators of improvised explosive devices (IEDs).

During the walk phase, Soldiers received training in a virtual environment using Virtual Battle Space 3 (VBS3). Prior to executing a virtual mission, each Soldier went through an individual training scenario which included the following: basic individual movement techniques, operating individual and crew served weapons, negotiating obstacles, casualty evacuation, and operating a vehicle. Next, each Soldier was given a mission brief, conducted a sand table rehearsal, mission execution, and once the mission was complete, an after action review was conducted.

For the run phase of training, the lane was conducted at the Home Station Training Lane (HSTL). The C-IED Team and DS Lynch discussed the C-IED tasks and the best tactics, techniques, and procedures (TTPs) for the emplacement of IEDs. DS Lynch briefed the mission and intent to the support DSs and cadre. Assault 3/16th MRTC platoon provided the unit with three HMMWVs and one Stryker with drivers and TCs. The commander's intent was discussed with the cadre and a recon of the lane was conducted prior to execution. The following tasks were trained: React to an IED Attack (052-192-3261), Prepare for an IED Threat Prior to Movement (052-091-3262), Submit Explosive Hazard Report (9-Line), Conduct 5/25/200 Meter Checks (05-3-D0019), and Conduct 5Cs (05-3-D0016).



MCoE C-IED Training "Snapshots"

Future Warfighters at the MCoE are introduced to the basics of C-IED and exposed to various Enablers, in many cases for the very first time to assist in rapid learning, long term retention, and providing an initial degree of familiarization with capabilities and employment concepts.



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.

203rd BSB Sergeant's Time Training Session

SITUATION: The MCoE C-IED Team supported Sergeant's Time.

WHO: 203rd BSB

WHAT: 203rd Sergeant's Time Training C-IED TTP and Awareness Session.

WHEN: 21 August 2014

WHERE: Lyle Field

SUMMARY: Warriors received realistic training conducting mounted operations using VRS (Warrior-Insider) Scenario developed from the current Operational Environment.

IMPACT: The session instilled confidence and competence in C-IED TTP in a low cost training environment. It also provided a cognitive building block for future training on IED related subjects.

FUTURE: The MCoE C-IED Team continues to help improve training by exploring current threats and employing instructional techniques that support this needs.

203rd BSB Sergeant's Time

Delta Company 2/58th IN Gold Phase Exercise

SITUATION: IED attacks will be a part of the Operational Environment for the foreseeable future, especially in confined areas like urban environments that channelize forces during operations.

WHO: Delta 2/58th Infantry Battalion and MCoE C-IED Team.

WHAT: Gold Phase which consist of Mounted and Dismounted Returnal, and Mounted React to Contact lane.

WHEN: 15 August 2014

WHERE: HSTL (N) Middle Eastern Dwelling

SUMMARY: The scenarios were developed by the Drill Sergeants with advisory input by the MCoE C-IED Team. The training was designed to familiarize the Warriors with IEDs. It provided them the opportunity to work as a team and identify indicators of possible booby traps. If the teams remained on the objective too long, a secondary IED would explode on command inside the dwelling.

FUTURE: The C-IED Team continues to assist units in improving their training scenarios by providing the most up to date information from the Operational Environment.

D Co 2/58 IN



B 1/46th C-IED Situational Dismounted Lane

SITUATION: The MCoE C-IED Team supported B 1/46th during their C-IED Situational Dismounted Lane.

WHO: B 1/46th IN BCT and the MCoE C-IED Team

WHAT: C-IED Situational Dismounted Lane

WHEN: 25-27 August 2014

WHERE: Uniform 9

SUMMARY: Warriors received realistic training conducting dismounted operations. (202 Warriors trained) Scenario adapted from the Contemporary Operational Environment.

IMPACT: Instilled confidence and competence within the Warriors and assisted in building a foundation for future C-IED training.

FUTURE: The MCoE C-IED Team continues to help improve training by providing scenarios with the most relevant information on IEDs and their threats to the warrior.

B Co 1/46 IN

Alpha Company 1/81st AR FTX 3 Lane

SITUATION: IED attacks will be a part of the Operational Environment for the foreseeable future. In response the MCoE C-IED Team is developing training to replicate current threats and meet the objectives of TRADOC commander's intent.

WHO: Alpha Company 1/81st AR

WHAT: Convoy Operations Lane which consist of Mounted React to Contact lane.

WHEN: 18-20 August 2014

WHERE: Kibbourne Range

SUMMARY: 170 Warriors received instruction on the SCs, 5.25-300 Meter Checks and a Mounted React to Contact Lane. Two UVEDs and a FOX pyrotechnic devices were employed on the route to replicate an IED explosion. This help the Warrior visualize and experience the rudeness of an IED attack.

FUTURE: The MCoE C-IED Team continues to assist units improve training scenarios by providing the most up to date information on IEDs in the Operational Environment.

A Co 1/81 AR

C-IED Team Lead Comments

Cost effective training (More “Bang” for the buck)-

The MCoE’s C-IED training team finds itself in constant effort to find the best C-IED training approach and enablers possible to support the Soldier with the most efficient instruction and ensure that a supported Unit’s available time is well spent. No avenue or venue for instruction is overlooked.

Many of the FORSCOM Home Station Training Lanes (HSTL) are equipped with a nearby virtual simulations lab (VBS classroom), through which the MCoE strives to make maximum use of its C-IED Training facility, due to the unique nature of its largest audience; TRADOC’s new Warfighters.

Soldiers, who arrive at the Leyte Field complex, find themselves confronted with a layout similar to those they might expect to find at a Forward Operating Base. This helps convey a sense of realism when units arrive to conduct their Mounted React to Contact or Convoy Operations exercises. When it comes to vehicles and enablers, Soldiers learn when navigating barriers about the “Round Peg-Square Hole” effect.

Once “inside the wire”, they find a layout that is conducive to Rock Drills and sand tables. Those that aren’t conducting familiarization outside can find themselves inside one of the two large classrooms on site.

Each of these classrooms is self sufficient and capable of hosting Familiarization and Awareness sessions on a variety of IED topics, to include enablers. Enablers on site include: CREW systems (Mounted & Dismounted), the Man Portable Line Charge (MPLC), and a variety of Hand Held Detectors (HHD) like the Non Program of Record systems Minehound, DSP-27, Gizmo, and CIEA to the Program of Record AN/PSS-14.

Units can also make use of the virtual training capability provided by the Virtual Battle Space suites in each classroom. Typically the MCoE C-IED Team cadre hosts a variety of IED scenarios that are conducted on the same terrain that a unit will run its HSTL based MRTC or Convoy Operation on. These scenarios are not rigid and can be adapted to the Unit’s training intent.

Additionally, static IED stations are located nearby to familiarize or refresh Soldiers/Instructors alike on the latest TTPs and threats. This avenue of instruction can also be supported by a dismounted detection lane located just “Outside the Wire” of the facility.

Units that use the facility, find their “occupation time” filled with opportunities to address one of the most serious threats to Soldiers in the operating environment, and in the case of the Maneuver Center of Excellence’s unique and overwhelmingly TRADOC audience, a valuable chance to build a solid initial base of skills for new Soldiers’ “first look” at the threat and instill sound and enduring best practices.

The C-IED Team is on-call to support any requesting unit. To schedule training contact, Mr. Tom Dale at 706-545-6577, or Mr. Jerry Niggemann at 706-545-8823. gerald.e.niggemann.civ@mail.mil.



Quick Links:

[RFMSS Homepage](#)

[Waterborne IEDs](#)

[DHS IED Fact Sheet](#)

[ROC-IED Training Link](#)

RAPID Reports

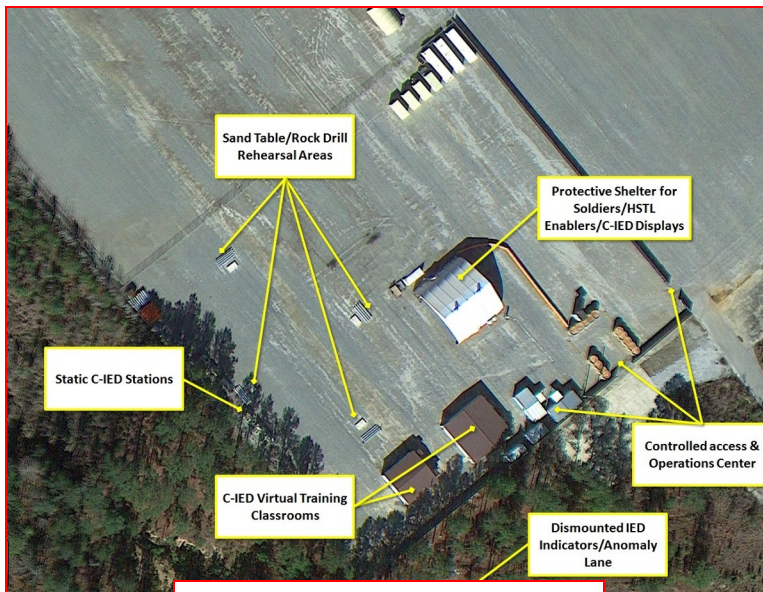
Users should note that RAPID will be closing. Soldiers seeking information regarding C-IED can still use the JKNIFE page.

[Marine Corps Center for Lessons Learned](#)

[CREW Training](#)

[Attack the Network Homepage](#)

[West Point Negotiation Project](#)



Leyte Field C-IED Training Facility

Item #	Item Name	Category	Qty	Trigger to Share MMS	Quantity CONOP	RLP/RFOR	Individual Amount	CREW System
1	ALL	VEHICLE	1	YES	1	NO	1	1
2	ALL	MANUAL ATTACK	1	YES	1	NO	1	1
3	ALL	VEHICLE	1	YES	1	NO	1	1
4	ALL	VEHICLE	1	YES	1	NO	1	1
5	ALL	VEHICLE	1	YES	1	NO	1	1
6	ALL	VEHICLE	1	YES	1	NO	1	1
7	ALL	VEHICLE	1	YES	1	NO	1	1
8	ALL	VEHICLE	1	YES	1	NO	1	1
9	ALL	VEHICLE	1	YES	1	NO	1	1
10	ALL	VEHICLE	1	YES	1	NO	1	1
11	ALL	VEHICLE	1	YES	1	NO	1	1
12	ALL	VEHICLE	1	YES	1	NO	1	1
13	ALL	VEHICLE	1	YES	1	NO	1	1
14	ALL	VEHICLE	1	YES	1	NO	1	1
15	ALL	VEHICLE	1	YES	1	NO	1	1
16	ALL	VEHICLE	1	YES	1	NO	1	1
17	ALL	VEHICLE	1	YES	1	NO	1	1
18	ALL	VEHICLE	1	YES	1	NO	1	1
19	ALL	VEHICLE	1	YES	1	NO	1	1
20	ALL	VEHICLE	1	YES	1	NO	1	1
21	ALL	VEHICLE	1	YES	1	NO	1	1
22	ALL	VEHICLE	1	YES	1	NO	1	1
23	ALL	VEHICLE	1	YES	1	NO	1	1
24	ALL	VEHICLE	1	YES	1	NO	1	1
25	ALL	VEHICLE	1	YES	1	NO	1	1
26	ALL	VEHICLE	1	YES	1	NO	1	1
27	ALL	VEHICLE	1	YES	1	NO	1	1
28	ALL	VEHICLE	1	YES	1	NO	1	1
29	ALL	VEHICLE	1	YES	1	NO	1	1
30	ALL	VEHICLE	1	YES	1	NO	1	1
31	ALL	VEHICLE	1	YES	1	NO	1	1
32	ALL	VEHICLE	1	YES	1	NO	1	1
33	ALL	VEHICLE	1	YES	1	NO	1	1
34	ALL	VEHICLE	1	YES	1	NO	1	1
35	ALL	VEHICLE	1	YES	1	NO	1	1
36	ALL	VEHICLE	1	YES	1	NO	1	1
37	ALL	VEHICLE	1	YES	1	NO	1	1
38	ALL	VEHICLE	1	YES	1	NO	1	1
39	ALL	VEHICLE	1	YES	1	NO	1	1
40	ALL	VEHICLE	1	YES	1	NO	1	1
41	ALL	VEHICLE	1	YES	1	NO	1	1
42	ALL	VEHICLE	1	YES	1	NO	1	1
43	ALL	VEHICLE	1	YES	1	NO	1	1
44	ALL	VEHICLE	1	YES	1	NO	1	1
45	ALL	VEHICLE	1	YES	1	NO	1	1
46	ALL	VEHICLE	1	YES	1	NO	1	1
47	ALL	VEHICLE	1	YES	1	NO	1	1
48	ALL	VEHICLE	1	YES	1	NO	1	1
49	ALL	VEHICLE	1	YES	1	NO	1	1
50	ALL	VEHICLE	1	YES	1	NO	1	1

VBS3 C-IED Training Scenarios



Tom Dale



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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)

Around the World

(IED topics from around the world)

NORTHCOM: SOUTHCOM: EUCOM: AFRICOM: PACOM

Link Disclaimer: The links provided above in no way denote any agenda or affiliation with the publisher of this news letter. They are provided for the reader to see the possibilities that the IED threat can/could achieve.

Mines, IEDs and things that go “Boom”

IEDs have a long history of employment, from ancient times to modern global hot spots. Here we see examples of “evolution” in action.

