

# MCoE IED Defeat

"In every war there is a new threat that requires new capabilities"
-- Dr. Ashton Carter

Volume 5, Issue 5

May 01, 2014

Inside this issue:

Current Events

C-IED Technology 2

Fort Benning C-IED 2

C-IED Training 3

C-IED Hot Topic 4

Team Contacts 5

Links of Interest 5

Around the World 5

Special points
Of
Interest:

**UGV Mounted GPR** 

**IED Training Images** 

C-IED Newsletter
Past Issues

Path Forward/Hot Topic

**Global Links of Interest** 

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

With many different conflicts ongoing around the world, security force personnel are faced with the dangers of the improvised explosive device (IED). Regardless of the form, the IED can be very sensitive to anything to include movement or even an environmental change. Our men and

women conducting daily operations come across cache sites from time to time. With each find comes the possibility that each site or even selective items could be booby trapped. The enemy knows we have gained local support through education on local customs and culture as well as sharpened search skills when looking for these caches.

Once a cache is found we have to ask ourselves some questions. Did the enemy mean for our element to find this? Are we aware of our surroundings? Are we being observed? These questions along with countless others could mean injuries or even death if we don't consider the dangers associated with dealing with IEDs. Treat the cache site as if it was one large device, exercise the 5Cs (Confirm, Cordon, Clear, Check, and Control), and call your higher headquarters for guidance. If you have the capabilities available, employ robots, search dogs, and unmanned aerial vehicles (UAVs) prior to sending any Soldiers forward to conduct further searches. Utilizing the available enablers will also ensure that any additional materials won't be left behind for the enemy to recover. Last, just because there wasn't a victim operated improvised explosive device emplaced at the last cache site doesn't mean that the enemy



Syrian Army encounters an IED factory while conducting clearance operations



Military grade munitions were being disassembled by Syrian rebels to produce IEDs

hasn't placed one on this one. The enemy is always watching!

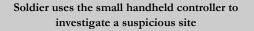
The MCoE's C-IED Training Team continues to provide quality support to all. Whether it's live, virtual, mounted or dismounted training, we are providing each unit with relevant information and lifesaving training. Virtual Battle Space 3 will provide your unit with the opportunity to identify issues prior 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 Detector (HHD) 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.

#### Fort Benning

## **Emerging Technology**

The possibility of our Warfighters encountering improvised explosive devices (IEDs) on today's battlefield is highly likely. Finding the device prior to detonation, coupled with creating safe separation and distance between the maneuvering element and the suspected device, are the keys to saving lives. The same company that produces the MINEHOUND handheld detector has produced a ground penetrating radar sensor that can be integrated into any unmanned ground vehicle (UGV). The handheld unit that comes with the sensor allows the operator to hone in on the threat while remaining a safe distance away. (Learn more)







This system incorporates the same Ground penetrating technology that is used in the MINEHOUND

## **Images from Fort Benning C-IED Training**

Images captured during Mounted training exercises against various vehicular platforms.









#### Fort Benning



**MCoE C-IED Training Topics/Back Issues** 

The MCoE C-IED team has been producing training topics related newsletters for the benefit of an ever expanding audience. We routinely receive questions regarding various topics that were covered and where to find them. Here you will find the topic highlights in previous newsletter issues. You can also find our newsletters hosted on JKnIFE, MCCLL and Warrior University.

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
- Atmospherics
- 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.

Issue Date:	Hot Topic(s)
Jan-09	First Issue
Feb-09	IED-D Principles + SRD partnership
Apr-09	Future Initiatives+ RKG-3 Threat
Jun-09	HME
Jul-09	SOPs + Battle Drills
Sep-09	OEF lessons + ROC-IED + VBS2
Nov-09	Global Trends + 5-25s
Jan-10	Not published
Feb-10	Emerging technology + Situational Awareness
Mar-10	Battle Drill simulator + LMC Training devices
Apr-10	Honesty Traces + HME on the HSTL
May-10	Protected HMMWVs + VBS2 in PME
Jun-10	Super Stryker + Shadow Box displays
Jul-10	MRTCs + Continual IED training
Aug-10	Smart devices as C-IED Tools + VOIED training device
Sep-10	Radar tech in C-IED + C-IED for IET/BCT/OSUT
Oct-10	Dogs and C-IED + Trip wire devices
Nov-10	UGVs in C-IED + Tilt switch devices
Dec-10	"Chimney" technology + Back to the basics
Jan-11	ASTAMIDS and C-IED + HME training facilities
Feb-11	Drones and C-IED + C-IED in OES
Mar-11	A
IVIGI-TT	Aerostat + MCoE HSTL
Apr-11	Lockheed Martin tech + CIED Training Development through Joint Development
Apr-11 May-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3
Apr-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction
Apr-11 May-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3
Apr-11 May-11 Jun-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols
Apr-11 May-11 Jun-11 Jul-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion
Apr-11 May-11 Jun-11 Jul-11 Aug-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training
Apr-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion
Apr-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training
Apr-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)
Apr-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening /Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle
Apr-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening / Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle  Making Good use of Sergeant's Time Training + MCOE AtN Training
Apr-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening / Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle  Making Good use of Sergeant's Time Training + MCoE Atn Training  CASSIDIAN Protects Military Vehicles+ HuntersNot Prey + Featured CIED Site
Apr-11 May-11 Jun-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Apr-12	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening / Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle  Making Good use of Sergeant's Time Training + MCoE AtN Training  CASSIDIAN Protects Military Vehicles+ HuntersNot Prey + Featured CIED Site  Putting a "Sting" into IED Detection + TRIPwire+ V.I.P. Visit
Apr-11 May-11 Jun-11 Jul-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Apr-12 May-12	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening / Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle  Making Good use of Sergeant's Time Training + MCOE AtN Training  CASSIDIAN Protects Military Vehicles+ HuntersNot Prey + Featured CIED Site  Putting a "Sting" into IED Detection + TRIPwire+ V.I.P. Visit  Compact Hyperspectral Imaging Systems + THOR III-T Simulator Training+ Online Training Resources
Apr-11  May-11  Jun-11  Jul-11  Aug-11  Sep-11  Oct-11  Nov-11  Dec-11  Jan-12  Feb-12  Mar-12  Apr-12  Apr-12  Jun-12  Jun-12	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening /Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle  Making Good use of Sergeant's Time Training + MCoE AtN Training  CASSIDIAN Protects Military Vehicles+ HuntersNot Prey + Featured CIED Site  Putting a "Sting" into IED Detection + TRIPwire+ V.I.P. Visit  Compact Hyperspectral Imaging Systems + THOR III-T Simulator Training+ Online Training Resources  CAGE (GSA) + Modular Protective System (MPS) + Human Network Engagement
Apr-11 May-11 Jun-11 Aug-11 Sep-11 Oct-11 Nov-11 Dec-11 Jan-12 Feb-12 Mar-12 Apr-12 May-12 Jun-12 Jul-12	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening / Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle  Making Good use of Sergeant's Time Training + MCoE AtN Training  CASSIDIAN Protects Military Vehicles+ HuntersNot Prey + Featured CIED Site  Putting a "Sting" into IED Detection + TRIPwire+ V.I.P. Visit  Compact Hyperspectral Imaging Systems + THOR III-T Simulator Training+ Online Training Resources  CAGE (GSA) + Modular Protective System (MPS) + Human Network Engagement  Laser-Based Explosive Scanner + CONUS Replacement Center (CRC) + Man Portable Line Charge (MPLC)
Apr-11  May-11  Jun-11  Jul-11  Aug-11  Sep-11  Oct-11  Nov-11  Dec-11  Jan-12  Feb-12  Mar-12  Apr-12  Apr-12  Jun-12  Jun-12	Lockheed Martin tech + CIED Training Development through Joint Development  MRAP Recovery Vehicle + C-IED T3  McMCIT + Local Engagement in Afghanistan and IED reduction  CREW 3.1 Dismounted System + HSTL & CACTF  Thermal Matrix Infrared Sensor + Dismounted Route Clearance Patrols  Recon Scout XT micro-robot + Operational exhaustion  Airborne IED Jammer + HSTL and Full Spectrum Operation Training  Ultrasensitive Laser Detects IEDs + CREW Operator and Company CREW Specialist Courses  Robot Mini-Tank Battles Homemade Bombs + New Counter IED Integration Cell (CI2C)  7- Step Terrorist Planning Cycle + Squad HME Screening /Cueing Kit + Vehicle-Borne IED (VBIED) Bicycle  Making Good use of Sergeant's Time Training + MCoE AtN Training  CASSIDIAN Protects Military Vehicles+ HuntersNot Prey + Featured CIED Site  Putting a "Sting" into IED Detection + TRIPwire+ V.I.P. Visit  Compact Hyperspectral Imaging Systems + THOR III-T Simulator Training+ Online Training Resources  CAGE (GSA) + Modular Protective System (MPS) + Human Network Engagement

### **C-IED Team activity for the Warfighter**

- Supporting the revision of TC 3-90.119 U.S. Army Improvised Explosive Device Defeat Training
- Supporting EDGE experiment with laptop platforms from C-IED training facility on Leyte Field.
- Continuing scenario development support to the Maneuver Battle Lab in support of future robotics trials later this year.
- Continue the implementation of relevant C-IED enabler introduction, familiarization, and use during local/ MCoE training sessions. Enablers include HHDs, Man Portable Line Charge trainer, CREW/THOR III, SPARK, RHINO, and Cyclone.
- Continue to seek out and identify effective training solutions for the MCoE and TRADOC in a budget restrained environment.

## **MCoE C-IED Training Topics/Back Issues (cont)**

Issue Date:	Hot Topic(s)
Jan-13	Anti-Helicopter IED+ Convoy Decking + HHD training
Feb-13	"SCISSOR-G" Infrared Road Clearance System + MCoE Future C-IED Initiatives
Mar-13	Black Hornet Nano + Here Today+ Gone Tomorrow? (The life of IEDs)
Apr-13	CREW-Baldr + Knowing what Right looks like. (Before the Patrol -Pt 1)
May-13	Visual Support Technology for Explosive De-tection (VaST)+ Knowing what Right looks like. (Pt 2)
Jun-13	Terahertz imaging equipment + Mirror-Mirror; Bringing "Down Range" to the Range+ Common TTP Concerns
Jul-13	Lightguard Minotaur (LGM) System + TRADOC approved C-IED Tasks and Drills
Aug-13	iRobot system + The Future of C-IED Basics + HME Awareness + Recognition and Response Training Seminar
Sep-13	Distributed Common Ground System – Army (DCGS-A) + DCT-MT
Oct-13	PEROCC + The IED and its resiliency
Nov-13	Virtual HHD training + Domestic C-IED Awareness+ "Walk the Walk"
Dec-13	senseFly UAV + Improvised Explosive Device Effects Simulator (IEDES)+ "The Big Bang Theory Insurgent Style"
Jan-14	AvantGuard + The "Face" of Insurgent "Smart IED" Technology
Feb-14	RC Jammer + MCoE C-IED Training and Awareness Assets + JIEDDO Situational Awareness Room
Mar-14	Soteria system + Warfighter Interactive Multimedia Instruction (IMI) + "Chance Contacts"
Apr-14	SiN-VAPOR sensor + Mines Training Area – A New Look + "Subterranean Operations & IEDs"

#### **C-IED Team Lead Comments**

Despite the downsizing of our forces, Units and Commanders continue to train Soldiers in preparation for the next battlefield. During the Cold War era, training was focused on conducting standard military operations but with the twist that they may have to be done in a Nuclear, Biological, or Chemical (NBC) environment. This was reflected by a change in the "Conditions" statement of any task. This same approach should be applied to training with regards to IEDs. The addition of this condition, an IED laden environment, increases the difficulty of the trained task, much like it did back in the earlier era and does not change the task itself. The future longevity of this condition is readily apparent when reviewing current news submissions from around the world. An example from India news media: The twin IED blasts in Bastar on Saturday, security forces believe, were made possible by the support of road contractors and locals. The IEDs were laid at least 4 feet deep into the ground (a counter to the West's detection capabilities) and could only have been buried in when the road was being laid several months ago. "Such IEDs are planted months, years ago when roads are being constructed. The reading audience should also be aware that though the media reports the number of IED attacks/events against Coalition and US forces are decreasing, the lethality of these preferred types of weapons has increased (another aspect that ensures the IED will be around for a good while). This only reinforces the point; that tasks addressing movement or security can benefit the Soldiers and prepare them for future battlefields by incorporating the IED threat inside the tasks' condition.

The MCoE's C-IED Team is on-call to support any requesting unit. To schedule training contact, Mr. Tom Dale at 706-545-6577, <a href="mail.mil">thomas.l.dale.ctr@mail.mil</a> or Mr. Jerry Niggemann at 706-545-8823. <a href="mail.emil">gerald.e.niggemann.civ@mail.mil</a>.



Quick Links:

RFMSS Homepage

Waterborne IEDs

DHS IED Fact Sheet

ROC-IED Training Link

**RAPID Reports** 

Marine Corps Center for Lessons Learned

**CREW Training** 

Attack the Network Homepage

West Point Negotiation Project

Commander's
Handbook
For Strategic
Communication
and
Communication
Strategy



Tom Dale



## **MCoE IED Defeat**

#### Maneuver Center of Excellence KeyBridge Technologies

Tom Dale (Team Lead) thomas.l.dale.ctr@mail.mil Cliff Repicky (Ops) cliff.repicky.ctr@mail.mil Louis Francis (Training) louis.j.francis.ctr@mail.mil Andrew Freeman (Analyst) andrew.freeman1.ctr@mail.mil Samuel Molina (Analyst) samuel.e.molina.ctr@mail.mil John J. Fairchild II (Analyst) john.j.fairchild2.ctr@mail.mil Peter Black (Analyst) peter.b.black.ctr@mail.mil Robert Perry (Analyst) robert.p.perry1.ctr@mail.mil Floyd Koger (Analyst) Floyd.n.koger.ctr@mail.mil



L to R: Mr. Koger, Mr. Fairchild, Mr. Perry, Mr. Black, Mr. Francis, Mr. Molina, Mr. Freeman, Mr. Dale, Mr. Repicky

#### **Links of Interest**

- Joint IED-Defeat Organization @ https://www.jieddo.mil
- JKnIFE C-IED Training site @ https://jknife.jieddo.mil

tsp/index.asp

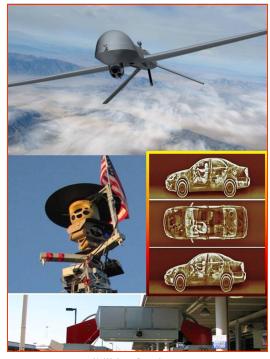
- Center for Army Lessons Learned @ https://call2.army.mil/
- https://call2.army.mil/
   Combined Arms Center @
  https://ctd.army.mil/external12/BSTPs/ied-
- Directorate for Counter IED (DCIED) @ http://www.wood.army.mil/dcied
- Army C-IED Professional Forum @

https://www.us.army.mil/suite/collaboration/ GetDocument.do?doid=17964848

(Users should be aware of site maintenance down times)

### C-IED Tech:

Recently a KSU engineer developed a patented technique that will help improve security by remotely detecting IEDs. You can find the details here: <u>Tech Link</u>.



Possibilities for the Future

