Office for Bombing Prevention

Counter-IED Resources Guide

April 2014

OVERVIEW —

- ***Vision & Mission*:** The Office for Bombing Prevention was born of terrorism events such as Lockerbie, Oklahoma City, September 11th, Madrid, and London. Our service is rooted in the belief that bombings continue to threaten the security of our communities, critical infrastructure, and nation. We believe that Americans and people everywhere should live free from fear of malicious use of explosives and believe that realization of this vision depends upon well-coordinated, all-of-nation effort.

  The mission of the Office for Bombing Prevention (OBP) is *to protect life and critical infrastructure by building capabilities within the general public and across the public and private sectors to prevent, protect against, respond to, and mitigate bombing incidents.*

  OBP accomplishes its mission through a focused portfolio of complementary counter improvised explosive device (IED) capability development programs, supporting four core initiatives:
  - Coordination of National and Intergovernmental Counter-IED Efforts
  - Capabilities Analysis and Planning Support
  - Information Sharing and Decision Support
  - Counter-IED Training and Awareness

COORDINATION OF NATIONAL and INTERGOVERNMENTAL COUNTER-IED EFFORTS —

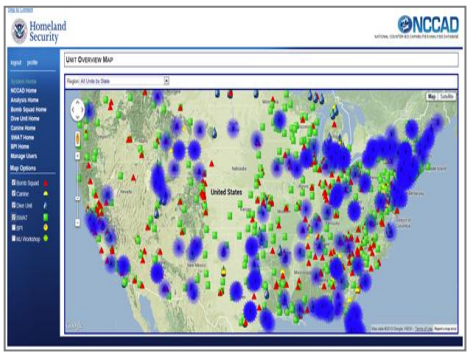
OBP has a leading role in implementation of the national counter-IED policy, articulated through Presidential Policy Directive 17 (PPD-17), *Countering IEDs*, serving as the Deputy Administrator of the federal interagency Joint Program Office for Countering Improvised Explosive Devices (JPO C-IED) and working in close collaboration with the White House National Security Council. The JPO C-IED coordinates and tracks Federal government progress in building national counter-IED capabilities. OBP also leads the Department of Homeland Security (DHS) in implementation of the national counter-IED policy, serving as the DHS Counter-IED Program Management Office (PMO) and chairing the DHS IED Working Group.

Through its leadership role, OBP is instrumental in aligning DHS and national counter-IED efforts through centralized and effective coordination of ongoing programs with national policy and strategy goals, resulting in better resource allocation within OBP and across DHS and our Federal, state, local, tribal, territorial and private sector partners.

CAPABILITIES ANALYSIS and PLANNING SUPPORT —

OBP systematically identifies and assesses the Nation's capabilities to counter IED threats and drive capability improvement through enhanced strategy, investment, and planning-based resource optimization.

- **National Counter-IED Capabilities Analysis Database:**
  The National Counter-IED Capabilities Analysis Database (NCCAD) is an assessment program that uses a consistent and repeatable analytical methodology to assess and analyze the capabilities of bomb squads, explosives detection canine, dive, and SWAT teams throughout the United States. NCCAD assessments measure the capability elements of personnel, equipment, and training required for effective prevention, protection, and response to IED threats. This



integrated information provides a snapshot of local, state, regional, and national counter-IED preparedness that informs decisionmakers on policy decisions, resource allocation for capability enhancement, and crisis management.

NCCAD analyzes data on multiple levels including geographic area; type of unit; incident-specific resources; or any combination thereof for determining local, state, regional, and national counter-IED response capabilities. NCCAD provides readiness information for use in planning, as well as steady-state and crisis decision support during threats or incidents. This detailed level of data supports critical decision making for Federal, state, local, tribal, territorial, and private sector security partners that have a role in the counter-IED mission. OBP subject matter experts facilitate NCCAD assessments with state, local, tribal, and territorial agencies with IED prevention and response units to:

- Determine current operational capabilities;
- Identify specific personnel, planning, training and equipment gaps; and
- Provide recommendations for capability enhancements.

NCCAD assessment reports assist operational decisionmakers and resource providers in developing investment justifications that support State homeland security strategies and national priorities in accordance with DHS grant program guidance. The NCCAD capability data increases knowledge of counter-IED capabilities at the unit, state, regional, and national level in relation to relevant national preparedness goals.

❖ **Multi-Jurisdiction IED Security Planning (MJIEDSP):** The Multi-Jurisdiction Improvised Explosive Device Security Planning (MJIEDSP) Program is a systematic process that fuses counter-IED capability analysis, training, and planning to enhance urban area IED prevention, protection, mitigation, and response capabilities. The MJIEDSP assists with collectively identifying roles, responsibilities, capability gaps, and how to optimize limited resources within a multi-jurisdictional planning area. OBP works closely with communities to provide expertise on planning and operational requirements for IED incident preparedness in alignment with the National Preparedness Goal and Core Capabilities.

The MJIEDSP process includes coordination with stakeholders from the planning area to conduct familiarization briefs and training, data collection activities, and facilitated scenario-based workshops. MJIEDSP workshops engage stakeholders in a discussion of cross-discipline, multi-agency, multi-jurisdictional response to multiple IED attacks within the planning area that identifies key threats and vulnerabilities; practices to integrate and maximize available resources; and steady-state and threat-initiated actions to reduce the risk of IED attacks. OBP offers three types of MJIEDSP workshops:

- *First Responders – Assists the first responder community, including the private sector, in understanding and identifying the unique operational aspects of responding to IED incidents.*
- *Bomb Squad-SWAT Interoperability – Focuses on tactical coordination of bomb squads and SWAT teams in responding to IED incidents involving active shooters.*
- *Executive Level – Provides high level decisionmakers with a greater understanding of the unique challenges associated with responding to large scale IED incidents.*

The MJIEDSP process strengthens IED prevention, protection, mitigation, and response capabilities of specific urban areas by identifying requisite counter-IED capabilities and assets (with associated gaps), defining steady-state and threat-initiated tasks specific to the needs of the urban area, and emphasizing National Incident Management System compliant Mutual Aid Agreements. The MJIEDSP After-Action Report and Improvement Plan provide a list of counter-IED capability gaps and vulnerabilities within the planning area and recommended courses of action. These courses of action aid in grant request justifications, provide a framework for resource

allocation, and assist communities with the development of an IED specific response annex for their emergency operations plan.

INFORMATION SHARING and DECISION SUPPORT —

- **TRIP*wire* (Technical Resource for Incident Prevention):**

TRIP*wire* is the Department of Homeland Security's 24/7 online, collaborative information-sharing network for bomb technicians, first responders, military personnel, government officials, intelligence analysts, and select private sector security professionals to increase awareness of evolving terrorist IED tactics, techniques, and procedures, as well as incident lessons learned and counter-IED preparedness information. Developed and maintained by OBP, the system combines expert analyses and reports with relevant documents, images, and videos gathered directly from terrorist sources to help users anticipate, identify, and prevent IED incidents. *TRIPwire is available at no cost to prospective subscribers at https://tripwire.dhs.gov.*

COUNTER-IED TRAINING and AWARENESS —

- **Counter-IED & Risk Mitigation Training:**

To reduce risk to the Nation's critical infrastructure, OBP develops and delivers a diverse curriculum of training to build nationwide counter-IED core capabilities and enhance awareness of terrorist threats. Coordinated through State Homeland Security Officials and training offices, OBP courses educate Federal, state, local, tribal, and territorial participants such as municipal officials and emergency managers, state and local law enforcement and other emergency services, critical infrastructure owners and operators, and security staff on strategies to prevent, protect against, respond to, and mitigate bombing incidents.

Bomb-making Materials Awareness Program (BMAP) Training

BMAP is an outreach initiative, developed in partnership with the Federal Bureau of Investigation (FBI), to increase public and private sector awareness of homemade explosives (HME) by promoting private sector point-of-sale awareness and suspicious activity reporting to prevent misuse of explosive precursor chemicals, explosive powders, and components commonly used in IEDs. BMAP training is designed for first responders responsible for outreach to build knowledge of IED threats, HMEs, and bomb-making materials. The course also provides guidance and materials to help participants conduct outreach to industries and businesses within their jurisdiction in order to strengthen prevention opportunities by building a network of vigilant and informed private sector partners who serve as the Nation's counter-IED "eyes-and-ears". *The eight-hour course designed for first responders can accommodate 25 participants. FEMA EMI IS-912, Retail Security Awareness, is a prerequisite for this course. See FEDERAL PARTNERS below for more information.*

Bomb Threat Management Workshop

This workshop improves the ability of critical infrastructure owners, operators, and security personnel to manage IED threats by highlighting specific safety precautions associated with explosive incidents and bomb threats. The workshop reinforces an integrated approach that combines training, planning, and equipment acquisition to maximize available resources for bomb threat management. Public and private sector

representatives knowledgeable in emergency management procedures are encouraged to attend. *This four-hour course can accommodate 50 participants.*

IED Counterterrorism Workshop

This workshop enhances the participant's understanding of the IED threat, surveillance detection methods, and soft target awareness. The workshop also covers awareness and prevention measures, as well as, collaborative information-sharing resources to enable first responders, and critical infrastructure owners, operators, and security staff to deter, prevent, detect, and protect against the illicit and terrorist use of explosives in the United States. *This eight-hour workshop can accommodate 250 participants.*

IED Search Procedures Workshop

This workshop increases IED awareness and educates participants on bombing prevention measures and planning protocols to detect IEDs by reviewing specific search techniques. This workshop builds knowledge of counter-IED principles and techniques among first responders and public/private sector security partners tasked with IED search and response protocols. *This eight-hour workshop can accommodate 40 participants.*

Protective Measures Course

This course builds awareness and understanding of the IED threat, terrorist planning cycle, and indicators of suspicious activity. Participants, including critical infrastructure staff tasked with increasing the security posture of a facility or event, learn about facility vulnerability analysis, counter-IED protective measures, and strategies which can be utilized to mitigate risk and reduce vulnerabilities within their unique sectors. *This two-day course can accommodate 25 participants.*

Surveillance Detection Course for Law Enforcement & Security Professionals

This course provides law enforcement and public and private sector security professionals instruction on how to detect hostile surveillance by exploring surveillance techniques, tactics, and procedures from a hostile perspective. These skills enhance counter-IED capabilities of law enforcement and security professionals to detect, prevent, protect against, and respond to IED threats. *This three-day course can accommodate 25 participants. FEMA EMI IS-914, Surveillance Awareness, is a prerequisite for this course. See FEDERAL PARTNERS below for more information.*

Vehicle Borne IED (VBIED) Detection Course

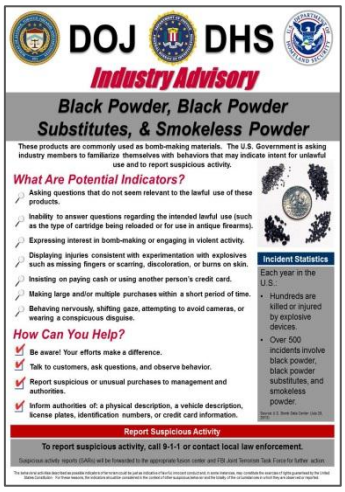
This course improves the participant's ability to successfully inspect for, detect, identify, and respond to a VBIED. Instruction covers the VBIED threat, explosive effects, IEDs, and vehicle inspections, enabling participants to detect, deter, and protect against the illicit use of explosives. The course is designed for first responders and public/private sector security staff tasked with inspecting vehicles for explosives, dangerous goods, or any contraband. *This eight-hour course can accommodate 20 participants.*

To request training, please contact your local Protective Security Advisor or email OBP@hq.dhs.gov for additional information.

COUNTER-IED AWARENESS PRODUCTS —

❖ Awareness Cards & Posters:

- Black Powder, Black Powder Substitutes, and Smokeless Powder
- Hazardous Chemicals
- Peroxide Products
- Suspicious (Purchasing) Behavior
- Suspicious Online Purchases
- Precursor Chemicals Poster for Online Retailers
- Suicide Bomber Awareness/Active Shooter Card
- Suspicious Behavior Poster for Hotel & Lodging Establishments (English & Spanish versions)



❖ Bomb Threat Guidance Products

DHS-DOJ Bomb Threat Stand-off Card

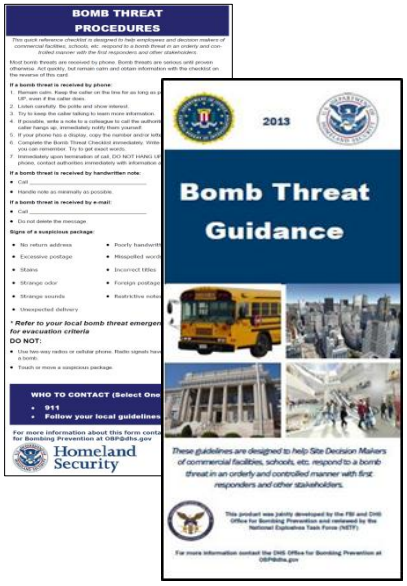
Developed in partnership with the FBI, the DHS-DOJ Bomb Threat Stand-off Card is a quick reference guide providing recommended evacuation and shelter-in-place distances for various types and sizes of IED.

DHS Bomb Threat Procedures Checklist

This quick reference tool helps public and private sector partners respond to a bomb threat by providing basic procedural guidelines and a checklist (on the back) to document important information if a bomb threat is received over the phone.

DHS-DOJ Bomb Threat Guidance Brochure

Developed in partnership with the FBI, the DHS-DOJ Bomb Threat Guidance Brochure is a quick reference guide that provides site decisionmakers with pre-threat preparation, threat assessment considerations, staff response guidelines, and evacuation and shelter-in-place considerations .



❖ Protective Measures

Protective measures guidance is provided by OBP to assist public and private sector security partners in establishing secure environments with IED threat preparation and planning to bolster security posture and IED incident mitigation. Information includes pre-event and incident response planning, measures for reducing vulnerabilities, suspicious behavior awareness, and reporting protocols to address various IED threat scenarios.

❖ Vehicle Borne IED Threat Products

DHS Vehicle Inspection Guide & Video

The Vehicle Inspection Guide (VIG) was developed for use by law enforcement, bomb squads, HAZMAT teams, other emergency and public government service organizations, and professional security personnel involved with inspection of vehicles that may pose a terrorist bomb threat. The Vehicle Inspection Video is designed to complement the VIG by providing demonstrations of vehicle search techniques. An electronic copy of the VIG and Video are available to registered users on TRIP*wire*.

Vehicle Borne IED Identification Guide: Parked Vehicles

Guidance card designed to assist law enforcement and security professionals to identify indicators of a suspected vehicle-borne IED.

❖ *FiRST* Application

The DHS Science & Technology Directorate and OBP worked in collaboration with the private sector to develop the First Responder Support Tools (FiRST) application for first responders' smart phones and laptop computers. The application allows first responders to quickly define safe stand-off distances around a potential bomb location; calculate rough damage and injury contours; suggest appropriate roadblocks; and identify other nearby facilities of concern (e.g. schools, hospitals, and care centers).

DHS bomb stand-off data is considered sensitive and is only made available to those that register the application using a .gov, .mil, or .us email address. *For additional information on downloading the application, please visit: http://www.ara.com/products/first*

❖ Incident Management Preparedness and Coordination Toolkit (IMPACT)

IMPACT, developed as a collaborative effort between DHS and Oak Ridge National Laboratory, provides a robust laptop planning tool that allows users to evaluate an area impacted by explosive threats. Capabilities include an interactive evacuation program and report generation tool. *For additional information and to request the software, please visit: http://www.ornl.gov/~ko5/impact/*

FEDERAL PARTNERS —

❖ DHS Sector Outreach and Programs Division

The Office of Infrastructure Protection's Sector Outreach and Programs Division (SOPD) oversees the Department's support of partnership councils, education, outreach, planning/preparedness exercises, and information sharing efforts related to critical infrastructure security and resilience. SOPD facilitates and maintains six critical sector partnerships, leading Departmental efforts to unify public/private sector operations and strengthen resiliency within the following sectors: Chemical Sector, Commercial Facilities Sector, Critical Manufacturing Sector, Dams Sector, Emergency Services Sector, and Nuclear Reactors, Materials and Waste Sector.

SOPD Training Courses

Retail Security Awareness – Understanding the Hidden Hazards
FEMA Emergency Management Institute (EMI) IS-912

This online course educates persons involved in commercial retail operations about the actions they can take to identify and report suspicious purchases or thefts of products that actors could use in terrorist or other criminal activities. This course is designed for retail managers, loss prevention specialists, risk management specialists, product managers, sales associates, and others involved in retail operations. *For more information, please visit: http://training.fema.gov/EMIWeb/IS/IS912.asp. This course is a prerequisite for OBP's BMAP Training.*

Surveillance Awareness: What You Can Do

FEMA Emergency Management Institute (EMI) IS-914

This online course enhances the understanding of critical infrastructure employees and service providers of actions they can take to detect and report suspicious activities associated with adversarial surveillance. The course is designed for critical infrastructure owners and operators, employees, and service providers as well as those with critical infrastructure protection duties and responsibilities at the State, local, tribal, and territorial levels. *For more information, please visit: http://training.fema.gov/EMIWeb/IS/IS914.asp. This course is a prerequisite for OBP's Surveillance Detection Course for Law Enforcement & Security Professionals.*

SOPD Products

Sports Venue Bag Search Procedure Guide

A joint DHS-Private Sector document that provides suggestions for developing and implementing bag search procedures at public assembly venues hosting major events. The bag search procedures delineated in this guide are for guidance purposes only; they are not a requirement under any regulation or legislation. *To download this resource, please visit http://www.dhs.gov/cfsector, or e-mail CFSTeam@hq.dhs.gov for more information.*

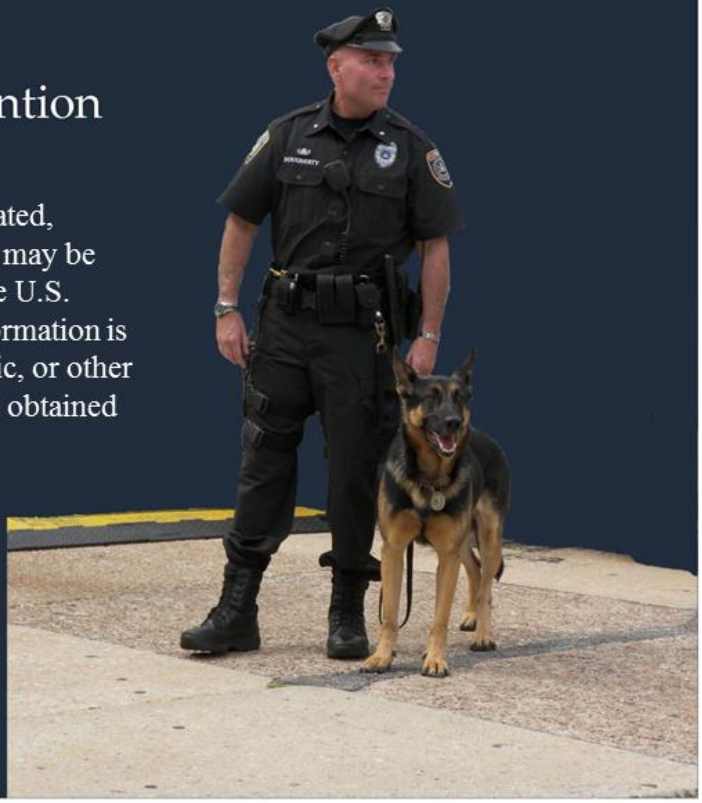
Bag Search Video "Check It"

A joint DHS-Private Sector video designed to raise the level of awareness for front line facility employees by highlighting the indicators of suspicious activity, this video provides information to help employees properly search bags in order to protect venues and patrons across the country from illegal, hazardous, or suspicious items. *To download this resource, please visit http://www.dhs.gov/cfsector, or e-mail CFSTeam@hq.dhs.gov for more information.*

CONTACT INFORMATION —

DHS Office for Bombing Prevention
Please visit http://www.dhs.gov/obp for more information.

TRIP*wire* Help Desk
1-866-987-9473
TRIPwirehelp@dhs.gov

Office for Bombing Prevention

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