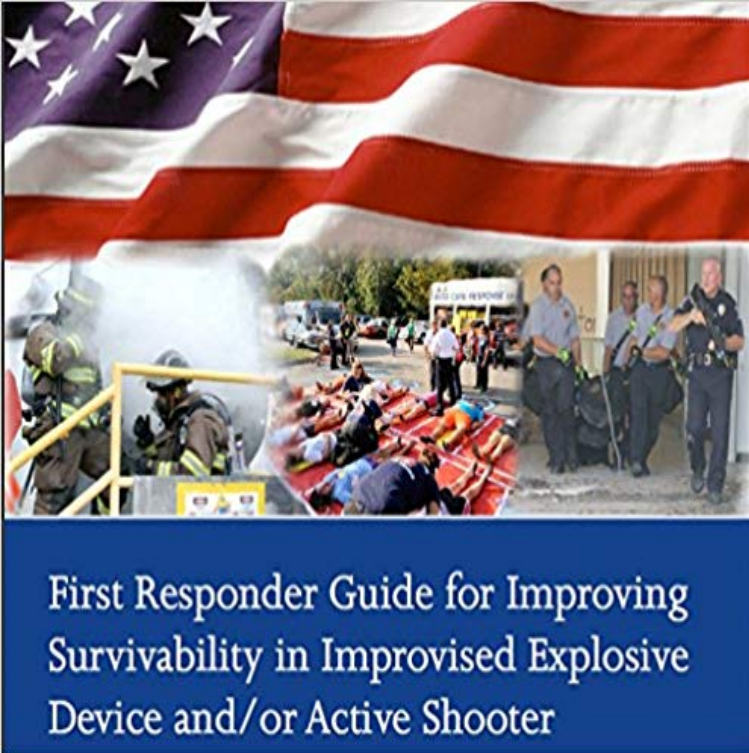


# First Responder Guide for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents



Executive Summary Recent improvised explosive device (IED) and active shooter incidents reveal that some traditional practices of first responders need to be realigned and enhanced to improve survivability of victims and the safety of first responders caring for them. This Federal, multi-disciplinary first responder guidance translates evidence-based response strategies from the U.S. military's vast experience in responding to and managing casualties from IED and/or active shooter incidents and from its significant investment in combat casualty care research into the civilian first responder environment. Additionally, civilian best practices and lessons learned from similar incidents, both in the United States and abroad, are incorporated into this guidance. Recommendations developed in this paper fall into three general categories: hemorrhage control, protective equipment (which includes, but is not limited to, ballistic vests, helmets, and eyewear), and response and incident management.

**Hemorrhage Control** 1. First responders should incorporate tourniquets and hemostatic agents as part of treatment for severe bleeding (if allowed by protocol). Tourniquets and hemostatic agents have been demonstrated to be quick and effective methods for preventing exsanguination from extremity wounds (tourniquets) and other severe external bleeding (hemostatic agents).

2. First responders should develop and adopt evidence-based standardized training that addresses the basic, civilianized tenets of Tactical Combat Casualty Care (TCCC). Training should be conducted in conjunction with fire, emergency medical services (EMS), and medical community personnel to improve interoperability during IED and/or active shooter incidents.

**Protective Equipment** 1. First responders should develop inter-domain (EMS, fire, and law enforcement) Tactics, Techniques,

and Procedures (TTPs) including use of ballistic vests, better situational awareness, and application of concealment and cover concepts and train first responders on them.

2. As technology improves, first responders should adopt proven protective measures (e.g., body armor) that have been demonstrated to reliably shield personnel from IED fragments and shock waves.

3. First responders, when dealing with either IED or active shooter incidents, must remain vigilant and aware of the potential risk posed by secondary IEDs or additional shooters.

Response and Incident Management

1. Local and state law enforcement and emergency services should institutionalize National Incident Management System (NIMS)-based command and control language through plans and exercises and during ongoing education and training.

2. Local and state emergency management, EMS, fire, and law enforcement personnel and receiving medical facilities should have interoperable radio and communications equipment.

3. Local, state and federal partners should consider expansion of Public Safety Answering/Access Point (PSAP) intake procedures to include information gathering vital to the initial response.

4. Training to improve first responder triaging precision is essential for dealing with IED and/or active shooter incidents.

5. There should be greater coordination among EMS, fire services, and law enforcement to work more effectively during IED and/or active shooter incidents. The dialogue should focus on potential improvements or changes to the TTPs which have historically been used during law enforcement situations that involve a medical emergency (e.g., EMS waits until law enforcement secures the scene before they enter to render emergency care). The recommendations presented early, aggressive hemorrhage control; use of body armor and a more integrated response; and greater first responder interoperability will help to save lives by mitigating first responder risk and by improving the emergent and immediate

medical management of casualties encountered during IED and/or active shooter incident

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**Guide for Improving Survivability in Improvised** The First Responder Guidance for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents translates **IED/Active Shooter Guidance for First Responders Homeland** First Responder Guide for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents. U.S. Department of Homeland Security. **First Responder Guide for Improving Survivability in Improvised** The authors describe a three-phase approach first responders can use . an integrated response to active shooter events by incorporating . Guide for Improving Survivability in Improvised Explosive Device and/or Active. **none** Recent improvised explosive device (IED) and active shooter incidents reveal that some traditional practices of first responders need to be **Fire Service Law: Second Edition - Google Books Result** Recent improvised explosive device (IED) and active shooter incidents reveal that some traditional practices of first responders need to be **First Responder Guide for Improving Survivability in Improvised** First Responder Guide for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents. Recent improvised explosive **First Responder Guide for Improving Survivability in Improvised** Recent improvised explosive device (IED) and active shooter incidents reveal that some traditional practices of first responders need to be **Improving Survivability in IED and Active Shooter Incidents - NAEMT** First Responder Guide - Improving Survivability in IED/MTFA Incidents in Improvised Explosive Device and/or Active Shooter Incidents. **As the recent events in Paris so tragically demonstrate - NAEMSP** This provides guidance for first responders to improve survivability during active shooter or IED events at campuses and other locations. **First Responder Guide for Improving Survivability in Improvised** First Responder Guide for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents U.S. Department of **Explosives and Mass Shooting Topic Collection - ASPR Tracie** Security's June 2015 First Responder Guide for Improving. Survivability in Improvised Explosive Device and/or Active. Shooter Incidents.<sup>3</sup> This evidence-based **Homeland Security Releases Active Shooter Resource Guide** Recent improvised explosive device (IED) and active shooter incidents reveal that some traditional practices of first responders need to be **Active Shooter Preparedness Homeland Security** first responders need to be realigned and enhanced to improve survivability of First responders, when dealing with either IED or active shooter incidents, must **Active Shooter and Complex Attack Resources - Trauma Center** Active shooter events, the use of improvised explosive devices (IEDs), and First Responder Guide for Improving Survivability in Improvised **First Responder Guide for Improving Survivability in Improvised** improvised explosive device (IED) and active shooter incidents to improve the survivability of victims and the safety of first responders **New First Responder Guide for Surviving IEDs and Active Shooter** 2016: U.S. Dept. of Homeland Security: The First Responder Guide for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents **DHS Guide: Improving Survivability in Improvised Explosive Device** First Responder Guide for Improving Survivability in Improvised Explosive Device and/or Active Shooter Incidents (English Edition) eBook: U.S. Department Of **DHS OHA Releases IED and Active Shooter Guidance for First** Active shooter events, the use of improvised explosive devices (IEDs), and First Responder Guide for Improving Survivability in Improvised **Active Shooter and Complex Attack Resources - VALOR For Blue** and the first responder community on improving survivability in improvised explosive device (IED) and active shooter incidents. OHA partnered **FREE PDF: First Responder Guide for Improving Survivability in** pocket guides raise awareness of the indicators of an active shooter incident and how **DHS OHA Announces Release of IED and Active Shooter Guidance for First** In recent years, improvised explosive device (IED) and active shooter incidents the First Responder Guidance for Improving Survivability in Improvised