



CRITICAL SKILLS CHALLENGE TOP BOMB TECHNICIAN & TECHNOLOGY TRAINING EXPO

The United States Bomb Technician Association (USBTA), and the Orange County (Florida) Sheriff's Office Bomb Squad are proud to announce the second annual **Critical Skills Challenge Top Bomb Technician**. This event is a competition between bomb technicians (military and public safety) that tests their knowledge, skills, and abilities while using a variety of tools and equipment. The Top Bomb Technician Critical Skills Challenge is a four (4) day event that takes place in Orlando, Florida December 3 – 6, 2019.

In addition to the "critical skills" below, the competitors will take a written **knowledge assessment**, that focuses on: explosives, electronics, explosives chemistry, applied physics, blast effects, and general bomb technician knowledge. The "critical skills" are:

- 1. X-Ray Interpretation (identify key components of an IED e.g. power source, initiator, explosive load, and switches)**
- 2. Precision Disruption (conduct a precision RSP without utilizing the grid aim system)**
- 3. Hand/Manual Entry (neutralize a device with provided tools)**
- 4. Hook & Line (move suspect bag, with provided tools, to a designated location)**
- 5. Improvised Explosives/HME (recognize materials, pre-cursors and/or components of improvised explosives)**
- 6. Boobytraps (work their way through the interior of a building, identifying, marking, and where applicable, neutralizing boobytraps)**
- 7. Circuit building (build electronic circuits of different complexities)**
- 8. Cap Diagnostics (mitigate multiple training electric detonators)**
- 9. Bomb Suit Challenge (conduct a search for suspect devices with in a designated location)**

All tools, accessories, and equipment will be provided, with the exception of personal protective gear (PPE).

TECHNOLOGY TRAINING EXPO

The Technology Training Expo, gives competitors, non-competitors, and observers the opportunity to train on current/emerging technologies. Industry will be demonstrating their tools and equipment and it will be a great opportunity.

CONTACT INFORMATION:

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Location: Orlando FL – Hosted by the Orange County (Florida) Sheriff Office Bomb Squad Training Range – 14500 Wewahootee Road, Orlando FL 32832

Cost: \$0 (Free)

Registration: <https://www.usbta.us/events>

Hotel Info: Government Rate \$122.00 – **Reservation Code “US Bomb Technician Association”** Deadline is Nov 2, 2019

Hilton Garden Inn Orlando International Airport **407-240-3725**

7300 Augusta National Drive, Orlando FL 32822.

https://hiltongardeninn.hilton.com/en/gi/groups/personalized/O/ORLAHGI-OCSO-20191129/index.ihtml?WT.mc_id=POG

Marriott Residence Inn Orlando International Airport **407-816-5533**

7024 Augusta National Drive, Orlando FL 32822

<https://www.marriott.com/events/start.mi?id=1565214691236&key=GRP>

SPECIAL INSTRUCTIONS:

Plan on arriving Monday, December 2, and departing after 3pm, Friday, December 6th. Lunch will be provided each day.

To register visit <https://www.usbta.us/events> Onsite registration will be OCSO training facility: Monday Dec 2, from 3pm to 5pm and Tuesday Morning, from 0730 – 0800.

Safety briefs and lane assignments begin at 0800, Dec 3th. (Travel time to range is 25 to 30 minutes from Hotel)

ITINERARY:

- Monday, Dec 2 – Travel Day for Participants – Early Registration 3 – 5pm at range
- Tuesday, Dec 3 – Registration/Safety Brief 0730 – 0900, 0900 – 1200 (Industry Expo - Demo Day & Tools Familiarization)
Tuesday, Dec 3 – 1300 – 1700 Critical Skills Challenge
- Wednesday, Dec 4 – 0800 – 1700 Critical Skills Challenge (Industry Expo 0800 – 1700)
- Thursday, Dec 5 – 0800 – 1700 Critical Skills Challenge (Industry Expo 0800 – 1300)
- Friday, Dec 6 - 0800 – 1200 Critical Skills Challenge (1200 Lunch and Bomb Technician Recognition/Awards)