

## CANINE DETECTION TEAM - EXPLOSIVES

<b>DESCRIPTION</b>	The Explosives Detection Canine Team (EDCT) conducts screening and searches to detect the presence of explosives and explosives-related substances. A team is comprised of both a Canine Handler - Explosives and an Explosives Detection Canine (EDC)
<b>RESOURCE CATEGORY</b>	Law Enforcement Operations
<b>RESOURCE KIND</b>	Team
<b>OVERALL FUNCTION</b>	<ol style="list-style-type: none"> <li>1. Conducts screening and searches to detect the presence of explosives and explosives-related substances</li> <li>2. Assists in conducting bomb crime scene investigations; and</li> <li>3. Provides a visual deterrence at high-risk critical infrastructure locations and special events</li> </ol>
<b>COMPOSITION AND ORDERING SPECIFICATIONS</b>	<ol style="list-style-type: none"> <li>1. Discuss logistics for deploying this team, such as working conditions (e.g., safety and environmental), length of deployment, security, lodging, transportation, and meals, prior to deployment</li> <li>2. The requestor should be prepared to: <ol style="list-style-type: none"> <li>a. Provide equipment such as programmable radios for inter-operable communications</li> <li>b. Provide a logistics plan for teams, such as security, lodging, meals, explosives training aid(s), emergency veterinary care, and kenneling, prior to deployments of more than 12 hours; and</li> <li>c. Specify mission location and operational environments, such as the presence of failed structures, type of terrain, weather, and hazardous conditions</li> </ol> </li> <li>3. The requestor should order an adequate number of canine teams based on the physical endurance of the canines, screening/search area, and environmental conditions</li> <li>4. The requestor should specify if EDCs, Person Screening Canines (PSC), and/or EDCs with PSC capabilities are required</li> <li>5. The Canine Handler - Explosives determines the duty cycle of the EDC based on assignment, environment, terrain, and other factors affecting detection performance</li> <li>6. The EDCT may work in coordination with a Bomb Technician(s) or Bomb Response Team(s) as part of a larger operational team or task force</li> </ol>

Each type of resource builds on the qualifications of the type below it. For example, Type 1 qualifications include the qualifications in Type 2, plus an increase in capability. Type 1 is the highest qualification level.

COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<b>MINIMUM PERSONNEL PER TEAM</b>	Same as Type 2	Same as Type 3	1 - Canine Handler - Explosives	The Canine Handler - Explosives and the EDC must be certified as a team.
<b>CAPABILITY PER TEAM</b>	EDC with PSC	PSC	EDC	The EDCT should be encouraged to work in coordination with a Bomb Technician(s) or Bomb Response Team(s) as part of a larger operational team or task force.

*Superseded*

## Resource Typing Definition for On-scene Security, Protection and Law Enforcement Law Enforcement Operations

COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<b>EXPLOSIVES SEARCH CAPABILITY PER TEAM</b>	A canine trained to detect and alert to the presence of explosives and explosives-related substances for which it has been trained that may be located in the environment and/or person-borne	A canine trained to detect and alert to the presence of explosives and explosives-related substances for which it has been trained that may be person-borne. The canine team is not EDC certified; however, the canine team may be responsible for searching its intended operational area and/or person(s) separated from their personal property	A canine trained to detect and alert to the presence of explosives and explosives-related substances (e.g., propellants, oxidizers, precursors) for which it has been trained that may be located in the environment	Not Specified
<b>SUPPORT PERSONNEL PER TEAM</b>	Same as Type 2	Same as Type 3	Support may be required based on the specific mission	Depending on the length of deployment and the number of teams deployed, consideration should be given to deploying a canine trainer.
<b>CERTIFICATIONS</b>	Same as Type 2	Same as Type 3	Completion of an Authority Having Jurisdiction (AHJ)-validated certification that meets or exceeds the Standard for Training and Certification of Canine Detection of Explosives, American National Standards Institute (ANSI)/Academy Standards Board (ASB) Standard 092/	Supporting teams must provide proof of certification from the certifying body that meets or exceeds the Standard for Training and Certification of Canine Detection of Explosives, ANSI/ASB Standard 092.
<b>PERSONAL PROTECTIVE EQUIPMENT (PPE) EQUIPMENT PER TEAM MEMBER</b>	Same as Type 2	Same as Type 3	Minimum PPE: <ol style="list-style-type: none"> <li>1. Uniform / protective clothing;</li> <li>2. Appropriate footwear;</li> <li>3. Personal medical kit; and</li> <li>4. Canine medical kit.</li> </ol> Mission-specific PPE as needed: <ol style="list-style-type: none"> <li>1. Inclement weather clothing;</li> <li>2. Helmet;</li> <li>3. Flashlight, headlamp and batteries;</li> <li>4. Eye protection;</li> <li>5. Hearing protection;</li> <li>6. Ballistic vest;</li> <li>7. Field pack, as needed;</li> <li>8. Gloves;</li> <li>9. Canine footwear;</li> <li>10. Canine ballistic vest; and</li> <li>11. Personal Radiation Detector.</li> </ol>	Not Specified

Superseded

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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
<b>COMMUNICATIONS EQUIPMENT PER TEAM</b>	Same as Type 2	Same as Type 3	1. Portable two-way radio; 2. Cellular phone; and 3. Charger for devices.  Mission Specific as needed: Handheld Global Positioning System (GPS) unit	Not Specified
<b>TRANSPORTATION EQUIPMENT PER TEAM</b>	Same as Type 2	Same as Type 3	1 - Canine team response vehicle	Vehicle capable of carrying required personnel, canine and equipment based on mission needs.

*Superseded*



## NOTES

Nationally typed resources represent the minimum criteria for the associated component and capability.

## REFERENCES

1. Standard for Training and Certification of Canine Detection of Explosives, ANSI/ASB Standard 092, First Edition 2021
2. Standard for Detection Canine Selection, Kenneling, and Healthcare, ANSI/ASB Standard 085, First Edition 2021
3. Crime Scene/Death Investigation – Dogs and Sensors Terms and Definitions, ASB Technical Report 025, First Edition 2017
4. FEMA, National Incident Management System (NIMS) 508: Bomb Response Team
5. FEMA, NIMS 509: Bomb Technician
6. FEMA, NIMS 509: Canine Handler - Explosives

Superseded