

CANINE DETECTION TEAM - EXPLOSIVES

DESCRIPTION	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)
RESOURCE CATEGORY	Law Enforcement Operations
RESOURCE KIND	Team
OVERALL FUNCTION	<ol style="list-style-type: none"> 1. Conducts screening and searches to detect the presence of explosives and explosives-related substances 2. Assists in conducting bomb crime scene investigations; and 3. Provides a visual deterrence at high-risk critical infrastructure locations and special events
COMPOSITION AND ORDERING SPECIFICATIONS	<ol style="list-style-type: none"> 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 2. The requestor should be prepared to: <ol style="list-style-type: none"> a. Provide equipment such as programmable radios for inter-operable communications 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 c. Specify mission location and operational environments, such as the presence of failed structures, type of terrain, weather, and hazardous conditions 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 4. The requestor should specify if EDCs, Person Screening Canines (PSC), and/or EDCs with PSC capabilities are required 5. The Canine Handler - Explosives determines the duty cycle of the EDC based on assignment, environment, terrain, and other factors affecting detection performance 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

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
MINIMUM PERSONNEL PER TEAM	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.
CAPABILITY PER TEAM	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.

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

COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
EXPLOSIVES SEARCH CAPABILITY PER TEAM	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
SUPPORT PERSONNEL PER TEAM	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.
CERTIFICATIONS	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.
PERSONAL PROTECTIVE EQUIPMENT (PPE) EQUIPMENT PER TEAM MEMBER	Same as Type 2	Same as Type 3	<p>Minimum PPE:</p> <ol style="list-style-type: none"> 1. Uniform / protective clothing; 2. Appropriate footwear; 3. Personal medical kit; and 4. Canine medical kit. <p>Mission-specific PPE as needed:</p> <ol style="list-style-type: none"> 1. Inclement weather clothing; 2. Helmet; 3. Flashlight, headlamp and batteries; 4. Eye protection; 5. Hearing protection; 6. Ballistic vest; 7. Field pack, as needed; 8. Gloves; 9. Canine footwear; 10. Canine ballistic vest; and 11. Personal Radiation Detector. 	Not Specified

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COMPONENT	TYPE 1	TYPE 2	TYPE 3	NOTES
COMMUNICATIONS EQUIPMENT PER TEAM	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
TRANSPORTATION EQUIPMENT PER TEAM	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.



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NOTES

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

Type 2 is not a progression of Type 3. Type 3 and Type 2 describe distinct capabilities. Type 1 is a combination of Type 3 and Type 2.

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