

# CITY OF OAKLAND



*Oakland Police Department*

***CALIFORNIA ASSEMBLY BILL 481***

**ANNUAL MILITARY EQUIPMENT USE REPORT**

**January 2024 - December 2024**



**TABLE OF CONTENTS**

Preface .....	3
AB 481 .....	4
OMC 9.65 .....	5
Definitions .....	6
Summary of Military Equipment .....	8
Unmanned Aircraft Systems .....	8
Remote Controlled Ground Systems & Pole Cameras .....	10
ERV (Bearcat)/Armored Suburban .....	14
Mobile Command Vehicles .....	15
Explosive/Shotgun Breaching Equipment .....	17
Specialized Firearms .....	19
Chemical/Specialty Impact Munitions (SIMS) & Flash Bangs .....	26
40mm Projectile Launchers/12 Gauge SIMS Shotguns .....	34
Long Range Acoustic Devices (LRADs) .....	36
Crowd- Control Equipment .....	37
Military Equipment Use Summary .....	39
Geographic Reference Map .....	40
Military Equipment Usage 2024 .....	41
Search Warrant Usage .....	42
Military Equipment Inventory .....	43
Fiscal Impact by Equipment Type Fiscal Year 2024 .....	46
Estimated Projected Cost Fiscal Year 2024 .....	50
Conclusion .....	57
Appendix .....	58

**LAWS AND POLICY LINKS**

[Assembly Bill 481](#)

[Oakland Municipal Code 9.65](#)

[DGO K-7 Military Equipment Funding, Acquisition and Use Policy](#)

[DGO K-2 Explosives Policy](#)

[DGO K-5: Tactical Operations Team Policy](#)

[DGO K-6: Patrol Rifle Program Policy](#)

[DGO I-25: Unmanned Aerial Systems Policy](#)

[DGO I-26: Remote Controlled Ground System & Pole Cameras Policy](#)

[DGO I-27: Long Range Acoustic Devices \(LRAD\) Policy](#)

[DGO I-28: Mobile Command Centers Policy](#)

[TB III-G: OPD Crowd Control and Crowd Management Policy](#)

[TB III-H: Specialty Impact Munitions Policy](#)

[TB III-P.04: Armored Vehicles Policy](#)

[TB III-P.05: Noise-Flash Diversion Devices Policy](#)

[TB V F.02 Chemical Agents Policy](#)



**PREFACE**

The Oakland Police Department is committed to maintaining public safety by providing the highest quality of police services to the communities in the City of Oakland.

The equipment listed in this annual report are essential tools that may be required from time to time to aid in deescalating intense situations or bringing critical incidents to a safe resolution.

The mere possession of this equipment does not warrant its use in every circumstance. However, having this equipment and adequate resources available if needed, makes our department capable of bringing possible hostile critical conflicts to safe and peaceful resolutions.

Being transparent with our communities regarding all equipment used by the Oakland Police Department not only helps with transparency but helps build trust within the communities we serve.



#### **ORIGIN OF AB 481**

On September 30, 2021, Governor Newsom signed **Assembly Bill AB 481** into law, which established protocols for law enforcement agencies regarding the funding, acquisition, use, and reporting of specified law enforcement equipment items. The bill added **Government Code Section 7070** which designated numerous vehicles, weapon systems and munitions used by the Oakland Police Department as “military equipment.”

AB-481, Section 7072 states the following:

(a) A law enforcement agency that receives approval for a military equipment use policy pursuant to Section 7071 shall submit to the governing body an annual military equipment report for each type of military equipment approved by the governing body within one year of approval, and annually thereafter for as long as the military equipment is available for use. The law enforcement agency shall also make each annual military equipment report required by this section publicly available on its internet website for as long as the military equipment is available for use. The annual military equipment report shall, at a minimum, include the following information for the immediately preceding calendar year for each type of military equipment:

- (1) A summary of how the military equipment was used and the purpose of its use.
  - (2) A summary of any complaints or concerns received concerning the military equipment.
  - (3) The results of any internal audits, any information about violations of the military equipment use policy, and any actions taken in response.
  - (4) The total annual cost for each type of military equipment, including acquisition, personnel, training, transportation, maintenance, storage, upgrade, and other ongoing costs, and from what source funds will be provided for the military equipment in the calendar year following submission of the annual military equipment report.
  - (5) The quantity possessed for each type of military equipment.
  - (6) If the law enforcement agency intends to acquire additional military equipment in the next year, the quantity sought for each type of military equipment.
- (b) Within 30 days of submitting and publicly releasing an annual military equipment report pursuant to this section, the law enforcement agency shall hold at least one well-publicized and conveniently located community engagement meeting, at which the public may discuss and ask questions regarding the annual military equipment report and the law enforcement agency’s funding, acquisition, or use of military equipment.

The Oakland City Council previously passed Oakland **Municipal Code 9.65** Regulations on the City’s Acquisition and Use of Military and Militaristic Equipment. The code mirrors the Government Code 7070 except for #12: *Crowd-control equipment, such as riot batons, riot helmets, and riot shields, but excluding service-issued telescopic or fixed-length straight batons. The Council directed the Department to go through the Oakland Police Commission for any acquisitions and use of controlled equipment.*



#### **9.65.010 States the following:**

"Annual Controlled Equipment Report" means a publicly released written document that includes, at a minimum, all the following information for the immediately preceding calendar year:

1. Production descriptions and specifications for controlled equipment and inventory numbers of each type of controlled equipment in the Police Department's possession. The Police Commission may waive the remaining obligations for annual reporting for a specific type of equipment if the Police Department certifies, in advance of issuing the Annual Controlled Equipment Report, that the equipment was not used or purchased in the immediately preceding calendar year.
2. A summary of how controlled equipment was used.
3. If applicable, a breakdown of where controlled equipment was used geographically by police area. For each police area, the Police Department shall report the number of days-controlled equipment was used and what percentage of those daily reported uses were authorized by warrant and by non-warrant forms of court authorization.
4. A summary of any complaints or concerns received concerning controlled equipment.
5. The results of any internal audits, any information about violations of controlled equipment use policies to the extent permitted by law, and any actions taken in response.
6. The estimated annual cost for each type of controlled equipment, including acquisition, personnel, training, transportation, maintenance, storage, upgrade, and other ongoing costs, and from what source funds will be provided for controlled equipment in the calendar year following submission of the annual report.
7. Impact: An updated assessment specifically identifying any potential impacts that the use of the controlled equipment might have on the welfare, safety, civil rights, and civil liberties of the public, and what specific affirmative measures will be implemented to safeguard the public from potential adverse impacts.
8. Mitigations: Specific, affirmative technical and procedural measures that have been implemented to safeguard the public from such impacts.
9. Alternatives: An updated summary of all alternative method or methods the Police Department considered to accomplish the purposes for which the controlled equipment is proposed to be used, the annual costs of alternative method or methods, and the potential impacts of alternative method or methods on the welfare, safety, civil rights, and civil liberties of the public.

The Oakland Police Department is committed to maintaining public safety by providing the highest quality police services to our communities we serve. We will continue to work with our Police Commission on the mission of transparency and good governance in the realm of law enforcement and public safety. Only with a good partnership can we address the challenges facing our community while continuing to provide professional, just, and constitutional policing. In accordance with reporting requirements established in AB-481 and OMC 9.65, the Department has generated the following 2024 Annual Military Equipment Report.





#### **DEFINITIONS**

Pursuant to AB-481, the following definitions are applicable only to the Department's current military equipment inventory and potential future military equipment acquisitions for operational needs. (For a more detailed list, refer to Government Code section 7070, for "military equipment" as defined within the Assembly Bill.)

"Governing body" means the elected body that oversees a law enforcement agency or, if there is no elected body that directly oversees the law enforcement agency, the appointed body that oversees a law enforcement agency. In the case of a law enforcement agency of a county, including a sheriff's department or a district attorney's office, "governing body" means the board of supervisors of the county. [Government Code § 7070(a)]. As it pertains to the City of Oakland, the Oakland City Council is the Governing body, but OPD must go through the Oakland Police Commission for requests or submitting reports pertaining to military equipment.

"Military equipment" means the following listed in Government Code § 7070(c)(1)-(15) and Oakland Municipal Code 9.65:

- Unmanned, remotely piloted, powered aerial or ground vehicles [Government Code § 7070].
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers. However, police versions of standard consumer vehicles are specifically excluded from this subdivision [Government Code § 7070].
- Wheeled vehicles that are built or modified to provide ballistic protection to their occupants, such as mine-resistant ambush protected (MRAP) vehicles or armored personnel carriers. Police versions of standard consumer vehicles are specifically excluded from this section [OMC 9.65]
- High mobility multipurpose wheeled vehicles (HMMWV), commonly referred to as Humvees, two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached. However, unarmored all-terrain vehicles (ATVs) and motorized dirt bikes are specifically excluded from this subdivision [Government Code § 7070].
- Wheeled vehicles that are built to operate both on-road and off-road, such as a high mobility multipurpose wheeled vehicle (HMMWV), commonly referred to as a Humvee, a two and one-half (2½)-ton truck, or a five (5)-ton truck, or vehicles built or modified to use a breaching or entry apparatus as an attachment. Unarmored all-terrain vehicles (ATVs) and motorized dirt bikes are specifically excluded from this section [OMC 9.65].
- Tracked armored vehicles that provide ballistic protection to their occupants and utilize a tracked system instead of wheels for forward motion [Government Code § 7070].
- Tracked vehicles that are built or modified to provide ballistic protection to their occupants and utilize a tracked system instead of wheels for forward motion [OMC 9.65].
- Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units [Government Code § 7070].



- Weaponized aircraft, vessels, or vehicles of any kind [Government Code § 7070].
- Weapon-bearing aircraft, vessels, or vehicles of any kind, whether manned or unmanned [OMC 9.65].
- Battering rams, slugs, and breaching apparatuses that are explosive in nature. However, items designed to remove a lock, such as bolt cutters, or a handheld ram designed to be operated by one person, are specifically excluded from this subdivision [Government Code § 7070].
- Breaching apparatus designed to provide rapid entry into a building or through a secured doorway, including equipment that is mechanical, such as a battering ram, equipment that is ballistic, such as a slug, or equipment that is explosive in nature, but excluding handheld battering rams that can be operated by one person [OMC 9.65].
- Firearms of .50 caliber or greater. However, standard issue shotguns are specifically excluded from this subdivision [Government Code § 7070] and [OMC 9.65].
- Ammunition of .50 caliber or greater. However, standard issue shotgun ammunition is specifically excluded from this subdivision [Government Code § 7070] and [OMC 9.65].
- Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in § 30510 and §30515 of the Penal Code, except for standard issue service weapons and ammunition of less than .50 caliber that are issued to officers, agents, or employees of a law enforcement agency or state agency [Government Code § 7070] and [OMC 9.65].
- Any firearm or firearm accessory that is designed to launch explosive projectiles [Government Code § 7070].
- Active area denial weapons, such as the taser shockwave, microwave weapons, water cannons, and the long-range acoustic device (LRAD). [Government Code § 7070]. [OMC 9.65].
- The following projectile launch platforms and their associated munitions: 40mm projectile launchers, "bean bag," rubber bullet, and specialty impact munition (SIM) weapons, and "riot guns" used to disperse chemical agents [OMC 9.65]. [Government Code § 7070].
- Any weapon designed for hand-to-hand combat, including any knife designed to be attached to the muzzle of a rifle, shotgun, or long gun for purposes of hand-to-hand combat, but excluding service-issued telescopic or fixed-length straight batons [OMC 9.65].
- Explosives and pyrotechnics, such as "flashbang" grenades and explosive breaching tools, and chemical weapons such as "teargas" and "pepper balls" but excluding standard, service-issued handheld pepper spray [OMC 9.65] [Government Code § 7070].
- Crowd-control equipment, such as riot batons, riot helmets, and riot shields, but excluding service-issued telescopic or fixed-length straight batons [OMC 9.65].
- Military surplus equipment [OMC 9.65].
- Any other equipment as determined by a governing body (City Council) or a state agency to require additional oversight [Government Code § 7070] and [OMC 9.65].



## SUMMARY OF MILITARY EQUIPMENT OWNED

### Unmanned Aircraft Systems

**Unmanned Aircraft Systems (UAS):** Unmanned, remotely piloted, powered aerial system. An unmanned aircraft of any type that can sustain directed flight, whether pre-programmed or remotely controlled, and all of the supporting or attached systems are designed for gathering information through imaging, recording or by any other means.

**Capabilities:** Remotely piloted aerial vehicle capable of providing live and recorded video images captured from aerial positions, including images enhanced by Forward Looking Infrared (FLIR), thermal, and optical zoom lenses.

**Purpose/Authorized Uses:** Unmanned aerial systems may be utilized to enhance the department's mission of protecting lives and property when other means and resources are not available or are less effective. Any use of a UAS will be in strict accordance with constitutional and privacy rights and Federal Aviation Administration (FAA) regulations. Only an Incident Commander or Lieutenant and above can authorize its use.

**Training Requirements:** The Electronic Services Unit (ESU) Unit Supervisor, or other designated OPD personnel, shall ensure that all authorized operators and required observers have completed all required Federal Aviation Administration (FAA) and department-approved training in the operation, applicable laws, policies, and procedures regarding use of the UAS.

**Lifespan:** No lifespan indicated by Manufacturer

The Oakland Police Department currently possesses the following types of UAS:

#### DJI Mavic Enterprise 2 Advanced



Manufacturer: DJI

#### Manufacturer Description:

The Mavic 2 Enterprise Advanced features a 35 mm format camera with a 48 MP visual camera and high resolution 640 x 512 Thermal Resolution. The cameras can capture up to UHD 4K resolution video at 30 fps, or thermal imaging images and temperature data. The Mavic 2 Enterprise can achieve speeds of up to 44.7 mph, and the four-cell LiPo battery provides up to 31 minutes of flight time. Additionally, there are three modular accessories to include a spotlight, speaker, and beacon. The Mavic 2 Enterprise also has omnidirectional obstacle sensing.

(Description and photo source) <https://www.dji.com/search?q=mavic%20enterprise%2020advanced>





#### **DJI Mavic Mini**



Manufacturer: DJI

Manufacturer Description:

The Mavic Mini from DJI is a compact drone weighing in at under 9 oz. The Mavic Mini has 3-axis gimbal and sophisticated flight modes that can achieve up to 12MP images, 2.7K Quad HD videos, and complex cinematic shots with access to the DJI Fly app. The Mini drone features up to 30 minutes of flight time on a full battery charge.

(Description and photo source) <https://www.dji.com/search?q=mini>

#### **DJI Matrice 300 RTK**



Manufacturer: DJI

Manufacturer Description:

The Matrice 300 RTK is a commercial drone features a 1080p video, which provides a live HD view from the aircraft's camera at distances of up to 9.3 miles (15 km). OcuSync Enterprise features the ability to transmit three channels of 1080p video simultaneously and AES-256 encryption ensures secure data transmission. DJI Matrice 300 RTK offers up to 55 minutes of high-performance flight time with TB60 Batteries combined with unrivaled reliability. The advanced flight control system, 6 Directional Sensing and Positioning system, AI spot-checking, Smart Track, PinPoint, Location Sharing, and an all-new Primary Flight.

(Description and photo source) <https://www.dji.com/search?q=matrice%20300%20rtk>



#### Remote Controlled Ground System & Pole Cameras

**Small Unmanned Tracked Robots:** An unmanned tracked robot of any type that is capable of being remotely controlled as well as supporting or attached systems designed for gathering information through imaging, recording or by any other means.

**Capabilities:** Designed for rapid tactical missions, the robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells, and confined spaces. With rubber tracks and articulating front and rear flippers, the Mini-CALIBER effortlessly climbs stairs. It also includes an extendible rotating claw arm that simplifies opening door handles.

**Purpose/Authorized Uses:** Used to assist the Oakland Police Department Operators with clearing residences and/or businesses during tactical operations, assisting officers and the community by clearing potentially dangerous building during tactical situations. Authorized by a Watch Commander or Lieutenant or above.

**Training Requirements:** The SOD Commander will ensure that only those team members properly trained and certified in the use of the special equipment will utilize the equipment.

**Lifespan:** No lifespan indicated by Manufacturer.

The Oakland Police Department currently possesses the following Unmanned Tracked Robots:



#### ICOR Mini-CALIBER

Manufacturer: ICOR Technology

Manufacturer Description:

Designed for rapid tactical missions, the robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells, and confined spaces. 5 axis Claw Arm on Rotating Turret, 10X optical zoom Pan-Tilt-Zoom (PTZ) Color Camera, Front and Rear Drive Color IR Camera, Drive System (Speeds up to 2.5 mph, Wireless RF Communications, and 2-Way Audio (talk/listen).

(Description and photo source) <https://icortechnology.com/robots/mini-caliber/>



#### **Robotex - Avatar Tactical Robot**

Manufacturer: ACORN

##### Manufacturer Description:

The AVATAR Robots are regarded by tactical teams as a standard operational tool, like a firearm, vehicle, or piece of body armor. It is quick and easily deployable. Navigates various terrain including stairs, sand, clothing, grass, etc. Two-way audio and recording capability.

(Description and photo source) <https://www.acornpd.com/robotex-avatar-tactical-robot>



#### **Remotec Andros Mark 5A-1**

Manufacturer: Northrop Grumman

##### Manufacturer Description:

The Remotec ANDROS Mark V-AI is a highly stable, tough-as-nails partner for hazardous duty operations. First responders world-wide rely on this larger-than-life robot to help assure safe, successful outcome for their most challenging missions. All terrain – climbs stairs. Reliable, affordable, environmentally sealed, Color Surveillance camera with light, 72:1 zoom, pan/tilt, low light switching capability, Gripper with continuous rotate - Many accessories can be added to work with the gripper. Quick disconnect camera mount, 24-inch camera extender, Manipulator arm that can reach up to 8 feet in the air, 2-way audio system with weatherproof speaker and microphone mounted on the robot. Powered by 24VDC - Two 65 amp-hr. 12VDC spiral-cell batteries.

(Description and photo source) <https://www.azorobotics.com/equipment-details.aspx?EquipID=412>



#### Recon Scout Reconnaissance Robot

Manufacturer: Recon Robotics



Manufacturer Description:

Recon Scout® XT throwable reconnaissance robot will allow military personnel and police tactical teams to conduct immediate visual reconnaissance of challenging indoor environments and rugged outdoor landscapes of dirt, sand, and rocks. In police tactical operations the Recon Scout XT can provide real-time reconnaissance during operations involving high-risk warrants, barricaded suspects, and hostage rescues. The Recon Scout XT is just eight inches long and weighs just 1.3 lbs., making it extremely easy to carry and throw. Moreover, deploying the Recon Scout XT takes just 5 seconds, and using it requires no special training. Simply pull the activation pin and throw the device through a doorway or over a wall or drop it down a vertical shaft using a tether. Using a single joystick on the operator control unit (OCU), a tactical team leader or warfighter can then direct the device to move through the environment and send back real-time video. Equipped with an infrared optical system that automatically turns on when the ambient light is low, the Recon Scout XT can transmit video up to 100 feet indoors and 300 feet outdoors, day or night. The Recon Scout XT may also be specified in any of three transmitting frequencies, allowing police and military personnel to operate up to three robots in the same environment at the same time."

(Description and photo source) [ReconRobotics® legacy products - Recon Scout® and Throwbot® robots](#)

#### Tactical Electronics LPSS3 Long Police Wireless Video Camera

Manufacturer: Tactical Electronics



Manufacturer Description:

An extendable pole up to 20ft with a camera mounted.

The LPSS3 Long Pole Search System provides wireless video surveillance of subjects at significant heights and distances. The system features a 20ft telescoping pole, a flexible neck camera head, eight IR LEDs, and an internal DVR for video recording. The main housing is conveniently stored inside the collapsed pole for timely stowaway. The upgraded features and streamlined design of the LPSS3 combine compact portability and rapid deployment with covert wireless vision. Now used for training purposes only.

This item has been discontinued by the manufacturer. There is no photo or description reference available.



#### Zistos Tactical System

Manufacturer: Zistos

Manufacturer Description:

"The WS-TSW-A9 is a handheld pole camera tactical surveillance tool that can increase the safety and effectiveness of a tactical mission. The system allows operators to see into areas that may harbor an unknown and hidden danger using a low light camera that has integral IR LED illuminators invisible to the human eye. The modular design is ruggedly built and compatible with many other Zistos specialty cameras such as thermal, under-door, videoscopes, low light color, and throw-robots. The system is designed to utilize reliable hard-wired video that cannot be intercepted by media or other third parties, remotely detected or used to trigger an IED. Wireless operation is available as an option upon request. The system is ideally suited for looking up into attics, down in basements, crawlspaces, and in windows to provide visual intelligence on the location and status of a suspect or situation."



(Description and photo source) [WS-TSW-A9 - Zistos Portable Video Systems](#)

#### Tactical Electronics Core Pole Camera

Manufacturer: Tactical Electronics

Manufacturer Description:

"The CORE Tactical Kit includes a CORE POLE Grip (10ft), Pole Camera Head, Under Door Camera head and CORE Monitor. All CORE cameras are Wireless, High Definition, and Digitally Encrypted. The CORE Team Kit is packaged in a durable transport case with custom cut foam for each component. The CORE Pole Camera also features the latest Thermal Fusion Technology. Thermal Fusion technology is made possible by two video sensors: a High-Definition 1280x720p monochrome CMOS sensor with excellent low-light sensitivity, and a Longwave infrared (LWIR) thermal imager. Video from the High-Definition camera is used to produce a blended image of both sensors, delivering physical detail that surpasses what is available from a lone thermal imager. Objects and persons are clearly defined with color and outlines when the thermal fusion technology is used."



(Description and photo source) [CORE Tactical Kit](#) [CORE Tactical Kit - Tactical Electronics](#)





## Armored Personnel Carriers/Mine-Resistant Ambush Protected Vehicles (MRAP)

**APCs and MRAPs:** Are light tactical vehicles are designed specifically to withstand improvised explosive device attacks and ambushes.

**Capabilities:** An armored vehicle is a piece of law enforcement equipment that may allow officers to use non-force options to safely resolve incidents involving actual, threatened, or reasonably suspected violence using firearms or explosives. The protective capabilities of an armored vehicle greatly exceed those of a patrol vehicle and proper deployment of armored vehicles may increase the safety of the public, law enforcement officers, and other first responders. Armored vehicles provide improved cover for officers, are stocked with tools that might be needed during a critical incident and increase the options for a safe resolution.

**Purpose/Authorized Uses:** Commanders (Lieutenants and above) shall only authorize the deployment of armored vehicles when the specific capabilities of the Emergency Response Vehicle (ERV) or Armored Suburban are necessary to bring an incident to a safe conclusion. Any authorized departure from an armored vehicle's place of storage shall be considered a deployment.

**Training Requirements:** Armored vehicles shall only be operated by officers certified by the Tactical Operations Team commander. This includes, but is not limited to, all members of the Entry Team and Sniper Team elements. It also includes all Patrol Rifle Officers (PRO's).

**Lifespan:** Approximately 15 years

The Oakland Police Department currently possesses the following Armored Personnel Carriers:



### **BearCat G3**

Manufacturer: Lenco

#### Manufacturer Description:

The 2008 **BearCat** is equipped with emergency lights/sirens, rotating roof hatch, electric winches, running boards, protection against chemical agents, back-up camera, battering ram attachment, CS (tear gas) deployment nozzle, Thermographic cameras, and spot/flood lights. The vehicle is armored with a 0.5 – 1.5" thick steel and ballistic windows rated to stop a 0.50 BMG round.

(Description and photo source) [BearCat G3 | Tactical Armored Vehicle SWAT Truck | Lenco](#)



#### Armored Suburban – SUV

Manufacturer: The Armored Group

Manufacturer Description:

The 2015 Chevrolet 1500 Armored Suburban #1697 is equipped with emergency lights/sirens, steel front bumper, seating capacity for 9 personnel and backup camera. The vehicle is armored with B6 level armor capable of stopping 7.62X51mm rifle round.

(Description and photo source) <https://www.armoredcars.com/vehicles/armored-chevy-suburban-1500/>

## Mobile Command Vehicles

**Mobile Command Vehicles:** Completely self-contained command vehicles that are designed to provide the Incident Commander with a mobile base of operation, facilitate operational control and direction of public safety units.

*(Mobile Command Vehicles, Community Resource Vehicles, and Hostage Negotiation Vehicles).*

**Capabilities:** The vehicle provides mobile, remote access to radio, internet planning and operational resources to assist with the command and control of major incidents and other planned operations. The vehicle also has the capability to dispatch officers and firefighters, as well as receive 9-1-1 calls.

**Purpose/Authorized Uses:** Traffic Commander (Lieutenants and above) shall only authorize the deployment of a MCV for any incidents which it would be deemed beneficial to do so.

**Training Requirements:** There are two (2) members of OPD, who are assigned to patrol have their Class B license and can operate the OFD/OPD Command Vehicles. The new OPD Command Vehicle can be operated with a Class C license. Members of the HNT are eligible to drive the vehicle.

**Lifespan:** Approximately 15 years (MCVs & CRVs). None listed by manufacturer for HNT.

The Oakland Police Department currently possesses the following Mobile Command Vehicles:



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

### OFD/OPD Mobile Command Vehicle - (MCV)

Manufacturer: Lynch Diversified Vehicles



Manufacturer Description:

2010 Mobile Command Vehicle #002 was built in conjunction with the Oakland Fire and Oakland Police Departments as a unified command vehicle but can also alternate between fire specific and police specific missions. The vehicle was custom built by Lynch Diversified Vehicles (LDV, Inc.), LDV Model #MCC301181-07 (*Requires Class B License*). The MCV is not a tactical vehicle but rather a multi-purpose vehicle to help facilitate command and control during field incidents by both the Oakland Fire Department as well as the Oakland Police Department by providing intelligence assets. The vehicle does not have any armor nor is it deployed in such a manner as it to be used in such a way. The vehicle is to be deployed at the periphery of a tactical incident if one such arises. The Traffic Commander is the coordinator of

(Description and photo source) <https://www.ldvusa.com/truck/oakland-police-department-ca-mobile-command-center/>

### Community Resource Vehicle - CRV

Manufacturer: Lynch Diversified Vehicles



Manufacturer Description:

Custom Build for OPD on Ford F59 gas chassis, 7.3L V8 engine, 6-speed TorqShift automatic transmission, All aluminum body construction, Extreme duty body storage compartments, LED scene lighting, Emergency lighting and siren package, Flip down step on the rear bumper, Front conference room fixed table, Magnetic surface dry erase white boards, Exterior monitor compartment, High resolution display monitors, Multi-function printer/copier, Custom aluminum cabinetry, (4) Interior workstations, Spider base task chairs, 15kW gasoline generator, Full vehicle surge suppression system, Prewired for future rear mast, Prewired for communications radios, CAT6

(Description and photo source) <https://www.ldvusa.com/truck/oakland-police-department-ca-mobile-command-centers-2/>



#### Hostage Negotiation Vehicle - HNV



Manufacturer: Farber Specialty Vehicles

Manufacturer Description:

Farber Vehicle 25' Chassis Designed for communication, negotiator and ECM. CINT Commander (Negotiations Recording and Control System). This system also includes software that allows it to be used as a pretext phone call device with digital recording, data logging, and control features. The system includes the following items: 1. COMMBBox 2. Software with free software updates online 3. All required cables 4. One headset and four headphones with adapters 5. External room monitor speaker 6. Pelican carrying case 7. Integrated 836 Bluetooth 8. 12-volt cell phone charger adapter 9. Technical Support 10. Five-year limited warranty (refer to warranty information).

In any response to a terrorist or CBRNE incident, specialty vehicles, especially those that provide force protection or include communications and Electronic Counter Measures are critical to a successful resolution to the incident.

(Description and photo source) <https://farberspecialty.com/new-vehicles/emergency-response/hnt-crisis-response-vehicles/>

## Explosive Breaching Equipment

**Breaching Shotguns and Breaching Ammunition:** During crisis situations, it may become necessary for Designated Arrest Teams (DAT), and OPD Tactical teams to facilitate an entry into a target location. It is critical the point of entry is breached quickly and as safely as possible.

A quick and effective breach is one key to a successful tactical mission. In some instances, an explosive breach may be required to provide an added degree of safety and tactical advantage to accomplish a mission. A variety of specialized breaching equipment consisting of explosive materials are possessed by the Department. Explosive Breaching Equipment can only be used exclusively by the OPD Tactical Operations Unit's dedicated breaching personnel.

**Capabilities:** Explosive breaching, the use of explosive materials to affect a breach, can be an effective tactics option. An explosive breach should be viewed as a cutting tool. An effective breach is a design where the least amount of explosive material is used and still accomplishes its goal. An effective Explosive Breach can defeat fortified doors and walls. Effective breaching techniques allow tactical officers immediate entry with minimal risk to victims, officers, and suspects.

**Purpose/Authorized Uses:** Used as an option for breaching locked doors with specified frangible breaching ammunition. All applicable State, Federal and Local laws governing police use of force. Various Oakland Police Department Policies on Use of Force and Firearms (K-3, K-4 and TB III-G).

**Training Requirements:** *Global Assets Integrated* Ballistic Breaching Course is required.



**Lifespan:** Remington 870 Police Magnum – Limited lifetime warranty. Lifespan varies on operational usage and wear.

Breaching Shotgun Ammunition – Five (5) year limited warranty. Five (5) year shelf life.

The Department currently possesses the following types of breaching shotguns and shotgun ammunition:

#### **Remington 870 Police Magnum with Royal Arms 14” 12-point Breaching Barrel**

Manufacturer: Remington Arms Company

##### Manufacturer Description:

The Remington 870 Police pump-action shotgun is a rugged 12-gauge with a short, tactical 18” barrel backed by a stout 3” chamber. The all-matte black gun is Parkerized for generalized durability and rust-resistance. Both the pump action forend and stock are robust and tough synthetic.

Royal Arms Breaching Barrel: For Remington 870/1187 Shotguns; We use only high-Quality Factory replacement Barrels. All Barrels we use for the Remington 870 are cylinder smooth bore Police Model. Parkerized. The breacher is locked onto the external threads of the Barrel making it permanently affixed and part of the O.A.L. Specified by ATF. Made from 4140 Mil Spec Chromoly Steel Heat Treated to 56 RC to with stand years of abuse. The 12 Point allows a positive grip on all surfaces since the Serrated teeth are spread across the entire contact area of the breacher standoff.



**Remington 870 Police Magnum (pictured above)**

(Description and photo source) [Royal Remington 870 Express Breaching Shotgun | RoyalArms.com](https://royalarms.com/remington-870-express-breaching-shotgun/)





#### Primacord 21

Manufacturer: Dyno Nobel

Manufacturer Description:

PRIMACORD detonating cords are flexible linear explosives with a core of PETN explosive encased in a textile outer jacket. PRIMACORD detonating cords are designed for use as trunklines and/or downlines in various mining, quarrying and construction applications.

(Description and photo source) [PRIMACORD®](#)

[Detonating Cord for Military Application - EBAD](#)



#### Primacord 10

Manufacturer: Dyno Nobel

Manufacturer Description:

PRIMACORD detonating cords are flexible linear explosives with a core of PETN explosive encased in a textile outer jacket. PRIMACORD detonating cords are designed for use as trunklines and/or downlines in various mining, quarrying and construction applications.

(Description and photo source) [PRIMACORD® Detonating Cord for Military Application - EBAD](#)



#### Primacord 4y

Manufacturer: Dyno Nobel

Manufacturer Description:

PRIMACORD detonating cords are flexible linear explosives with a core of PETN explosive encased in a textile outer jacket. PRIMACORD detonating cords are designed for use as trunklines and/or downlines in various mining, quarrying and construction applications.

(Description and photo source) [PRIMACORD® Detonating Cord for Military Application - EBAD](#)



#### **PRIMASHEET**



Manufacturer: Dyno Nobel

Manufacturer Description:

PRIMASHEET 1000 Flexible Sheet Explosive (DETASHEET Flexible Explosive) is a waterproof PETN based (63% nominal) flexible sheet explosive. It is manufactured as a continuous roll of varying lengths and thicknesses for a wide range of

(Description and photo source) [PRIMASHEET Sheet Explosive, Flexible and Waterproof - EBAD](#)

#### **NONEL MS 1.4B**



Manufacturer: Dyno Nobel

Manufacturer Description:

NONEL® nonelectric delay detonator MS 1.4B units consist of a length of orange shock tube, with a Standard (#8) detonator attached to one end and the other end sealed. A white J-hook is affixed near the sealed end, providing easy means of connection to detonating cord. Easy-to-read, color-coded delay tags display the delay number and nominal firing time prominently. Designed to provide in-hole delay time for underground (non-coal) and surface blast applications in the mining, quarry, and construction industries, the NONEL MS can be used in combination with a detonating cord trunkline, NONEL EZTL, NONEL EZ DET and/or NONEL TD detonators for maximum timing

(Description and photo source) <https://www.dynonobel.com/siteassets/product-hub/tech-info/ms14b.pdf>



## Specialized Firearms of Less Than .50 Caliber

**Equipment Capabilities:** A semi-automatic shoulder-fired long gun that fires a rifle caliber cartridge. The Department-approved AR15 style weapon system is designed to fire a .223/5.56 caliber projectile. These weapons provide the capability to pierce hard armor, multiple layers of mild steel, or substantial brick, concrete and other materials that may give hard cover to potential suspects.

**Purpose/Authorized Uses:** Recognizing that officers are not normally equipped to safely address threats from persons wearing body armor and/or who are at distances beyond the effective range of standard issue police pistols and shotguns, the PRP has been implemented to address such threats and enhance police officer and public safety.

Oakland Police policy DGO K-6; Patrol Rifle Program: Only members certified as Patrol Rifle Officers (PRO) shall be authorized to deploy Departmental patrol rifles.

**Training Requirements:** Officers must successfully complete a CA POST certified 80-hour patrol rifle course as well as regular department firearms training and qualifications as required by law and policy.

**Lifespan:** Colt LE6920 (AR15) - Barrel life approximately 15k rounds

Noveske N4 - Barrel life approximately 15k rounds

BCM CQB MCMR 11 - Barrel life approximately 15k rounds

GA Precision Bolt Action .308 Win Rifle - No Lifespan indicated by Manufacturer

Seekins Precision SP10 (AR10) - Barrel life approximately 15k rounds

The Department currently possesses the following types of Specialized Firearms of Less than .50 Caliber:

### **Colt LE6920 (AR15)**

Manufacturer: Colt

Manufacturer Description:

Colt's reliability, performance, and accuracy provide our Armed Forces the confidence required to accomplish any mission. Colt's LE6920 series shares many features of its combat proven brother, the Colt M4.



# ***Oakland Police Department***

## **ANNUAL MILITARY EQUIPMENT USE REPORT**

**January 2024 - December 2024**



**Colt LE6920 (Pictured above)**

(Description and photo source) <https://www.colt.com/detail-page/colt-le6920-carbine-223556-161-301-pmag-mbus-4-pos-stblk>

### **Noveske N4**

Manufacturer: Noveske

Manufacturer Description: Action:

Gas Operated Semi-Auto, Air cooled Magazine feed, Barrel Length: 10.5", stainless steel, Chambered in 5.56, Capacity: 30+1



**Noveske N4 (pictured above)**

(Description and photo source) <https://noveske.com/products/10-5-gen-4-shorty-rifle/>

### **(BCM CQB MCMR 11)**

Manufacturer: Bravo Company Manufacturing

Manufacturer Description:

Action: Gas Operated Semi-Auto, Air cooled, Magazine feed, Barrel Length: 11.5", Chambered in 5.56, Capacity: 30+1.



# ***Oakland Police Department***

## **ANNUAL MILITARY EQUIPMENT USE REPORT**

**January 2024 - December 2024**



**BCM CQB MCMR 11 (pictured above)**

(Description and photo source) <https://bravocompanymfg.com/cqb-recce-11-mcmr.html>

### **GA Precision Bolt Action .308 Win Rifle**

Manufacturer: GA Precision

Manufacturer Description:

The rifle is a custom GA Precision product built for Oakland PD, based on their Crusader model. It is built off of the Remington 700 short-action receiver platform, but manufactured and outfit by GA Precision, using a variety of components from different manufacturers. The barrel is manufactured by Broughton; it is 22" long, fluted, and has a 1/11.25" twist. The rifle stock is manufactured by Manner. The trigger group is a custom build by GA Precision. The scopes are manufactured by Nightforce (NX8), with Badger Ordnance scope rings and bases. The bipods are manufactured by Harris. The rifles were built from different components but serialized under GA Precision.



**GA Precision Bolt Action .308 Win Rifle – base model (pictured above)**

(Description and photo source) <https://www.gaprecision.net/custom-precision-rifles/custom-tactical-rifles/the-crusader.html>





#### Daniel Defense DDM4 V7 AR-15

Manufacturer: Daniel Defense

Manufacturer Description:

The DDM4 V7 AR15 style firearm features M-LOK attachment technology with the Daniel Defense MFR 15.0 rail. Built around a Cold Hammer Forged, 16-inch barrel, the V7 has a DD improved Flash Suppressor to reduce.

flash signature. The mid-length gas system provides smooth and reliable cycling under any condition and reduces both perceived recoil and wear on moving parts. With the M-LOK attachment points that run along 7 positions and an uninterrupted 1913 Picatinny rail on top, the V7 has plenty of room for the sights, optics, and accessories the user may require. The independently ambi GRIP-N-RIP Charging Handle accommodates left- and right-handed shooters. This rifle also comes with the ergonomic Daniel Defense Buttstock and Pistol Grip.



(Description and photo source) <https://danieldefense.com/ddm4-v7-california-compliant.html>

#### Mega Arms MKM AR-15 Gas Rifle

Manufacturer: MegaArms / ZEV Technology

Manufacturer Description:

The **PTS Mega Arms MKM AR-15 GBBR** replicates the unique design of the Mega Arms MKM AR-15 platform. The Mega Arms MKM platform mates the rail with the billet receiver in a proprietary manner that makes it as rigid and sturdy as a monolithic (1 piece) upper yet remains extremely lightweight. It features a 12-inch Keymod compatible rail and 14.5-inch barrel, making a very versatile airsoft gun that can handle any combat situations. The PTS Mega Arms MKM AR-15 standard equipment also includes our proprietary design PTS Enhanced Polymer Grip, Enhanced Polymer Magazine, and Enhanced Polymer Stock.



No reference source available (firearm is no longer made).



#### **Seekins Precision SP10**

Manufacturer: Seekins Precision

Manufacturer Description:

The SP10 has been specifically designed and tested for our nation's most elite Special Operations warriors. The SP10's proprietary design of the upper receiver and handguard provides a rigid, no-flex platform for repeatable, extreme accuracy under any condition. The SP10 lower receiver offers full ambidextrous controls, allowing effective, efficient manipulation of the weapon from either side. The SP10 is the perfect large-frame AR platform for hunting, competition, or duty use.



(Description and photo source) <https://seekinsprecision.com/rifles-new/modern-sporting-rifles/sp10-1.html>

#### **Bravo Company Manufacturing (BCM RECCE 16)**

Manufacturer: Bravo Company Manufacturing

Manufacturer Description:

Built in-house by U.S. Navy SEAL Team armorers, and later by the Naval Surface Warfare Center, Crane Division (often referred to as NSWC-Crane or "Crane"), the SEAL Recon Rifle was developed to provide SEAL snipers with a portable, lightweight system with greater lethality than a standard M4 carbine. The SEAL Recon Rifle is sometimes referred to as the "**Recce Rifle**".



(Description and photo source) <https://bravocompanyusa.com/16-recce-upper-groups-mid-length/>



## Specialty Impact Munitions (SIM) & Light Sound Incendiary Devices (Flashbangs Grenades)

**Specialty Impact Munitions (SIM):** A non-lethal training ammunition used by law enforcement agencies and militaries worldwide to deliver more realistic close-range firearms training. They consist of low energy, non-lethal cartridges, typically manufactured with a water-soluble color marking compound. These rounds allow for shooters to obtain a visual assessment of round placement in live person training environments.

**Equipment Capabilities:** When utilized with a training munition bolt carrier group in a 5.56mm rifle platform, SIM's have an effective range of approximately 27 yards. When utilized in a pistol caliber barrel training platform (9mm), SIMs have an effective range of 25 feet.

**Purpose/Usage:** SIM and Flashbang Grenades can only be deployed by the Tactical Operations Team, which may be activated at the discretion of the Patrol Division Watch Commander, or an Area Commander. This is covered in Oakland Police Policy DGO K-5 and TB III-G.

**Training Requirements:** Each operator completes a 10-hour training on Chemical Agents/SIMS Munitions Deployments.

**Diversiónary Devices aka Flashbangs:** Canisters that emit a loud noise and bright light.

**Equipment Capabilities:** Diversiónary Devices can release large amounts of stored energy in the form of heat, light, pressure, and noise. They are intended to temporarily distract, confuse, and disorient subjects. They can also be used as "attention-getting" devices.

**Purpose/Authorized Uses:** Diversiónary Devices can be used in high-risk tactical operations as an attention getting device. They can also be used during high-risk warrants, hostage rescue incidents, and some mobile field force incidents to provide an added degree of officer safety by disorienting subjects.

All applicable State, Federal and Local laws governing police use of force. Various Oakland Police Department Policies on Use of Force (K-3, K-4, K-5, TB III-G, and TB V F.02).

**Training Requirements:** Each operator completes a 10-hour training on Chemical Agents/SIMS Munitions Deployments.

**Lifespan:** 1082 – 5-year limited manufacturer warranty. No lifespan listed.

5-year shelf life

The Department currently possesses the following types of chemical and/or incendiary devices:



#### Riot Control 1082

Manufacturer: Defense Technology

Manufacture Description:

The Riot Control CS Grenade is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.

(Description and photo source) <https://www.defense-technology.com/?s=riot+control+1082>



#### Triple Chaser 1026

Manufacturer: Defense Technology

Manufacture Description:

The Triple-Chaser® CS consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This grenade can be hand thrown or launched from a fired delivery system. The grenade is 6.5 in. by 2.7 in. and holds an approximately 3.2 oz. of active agent payload. It has an approximate burn time of 20-30 seconds.

(Description and photo source) <https://www.defense-technology.com/?s=1026>



#### Triple Phaser 5231

Manufacturer: Combined Tactical Systems

Manufacture Description:

Manufacture Product Description: Type\* Irritant & Smoke Pyrotechnic Grenades, Diameter 2.60" (66 mm) Length 6.20" (157 mm), Fuse Type Model 201, Fuse Delay 1.5 +/- 0.3 sec. Average, Launchable Yes, Overall, Weight 610 gm, Discharge Time 25-45 Seconds, Emission Ports 15.

(Description and photo source) <https://www.combinedsystems.com/product/5231-triple-phaser-cs-smoke-grenade/>



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024



### CS Han-Ball 1092

**Manufacturer:** Defense Technology

**Manufacture Description:** The Han-Ball™ CS Grenade is an outdoor use grenade expelling its payload in approximately 15-20 seconds. The rubber ball round has an overall size of 4.8 in. tall, including the fuse head, and 3.1 in. diameter. This launchable grenade holds approximately 1.6 oz. of active agent which is expelled through three ports around the equator of the ball. Due the intense heat generated by this grenade, it should not be used inside a building or near flammable material.

(Description and photo source) <https://www.defense-technology.com/?s=CS+Han-Ball+1092>



### CS Blast 1097

**Manufacturer:** Defense Technology

**Manufacturer Description:** The Rubber Ball CS Blast Grenade is a maximum effect device that delivers three stimuli for psychological and physiological effects: light, sound, and CS. The Rubber Ball CS Blast is most widely used as a crowd management tool by Law Enforcement and Corrections. The Rubber Ball CS Blast has an initial 1.5 second delay that initiates fuse assembly separation, followed by another .5 second delay. The Rubber Ball CS Blast Grenade combines loud report and flash with effects of chemical agents.

(Description and photo source) <https://www.defense-technology.com/?s=CS+Blast+1097>



### 9430 Tear Ball CS

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** Tear Ball Grenades are explosive “rubber-ball” style grenades that upon initiation eject a powder payload of CS, CN, OC or talc into a radius surrounding the device. Tear Balls are primarily used for crowd control in indoor and outdoor situations.

(Description and photo source) <https://www.combinedsystems.com/product/9430-tear-ball-grenade/>





#### Stinger 1087

**Manufacturer:** Defense Technology

**Manufacturer Description:** The Stinger® Grenade with safety clip is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. The Stinger® Grenade is most widely used as a crowd management tool.

(Description and photo source) <https://www.defense-technology.com/?s=1087>



#### CS 1032

**Manufacturer:** Defense Technology

**Manufacturer Description:** The design of the Tri-Chamber Flameless CS Grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Grenade is to

(Description and photo source) <https://www.defense-technology.com/?s=1032>



#### CS 1016

**Manufacturer:** Defense Technology

**Manufacturer Description:** The Pocket Tactical CS Grenade is small, and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75 in. by 1.4 inches in size, it easily fits in most tactical pouches. This is a launchable grenade; however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical grenade.

(Description and photo source) [Pocket Tactical Grenade, CS - Defense Technology](#)



#### CS 5230B

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** Pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire.

(Description and photo source) [5230- CS Canister Grenade - Combined Systems](#)



#### Inert Blast 1098

**Manufacturer:** Defense Technology

**Manufacturer Description:** The Rubber Ball CS Blast Grenade is a maximum effect device that delivers three stimuli for psychological and physiological effects: light, sound, and CS. The Rubber Ball CS Blast is most widely used as a crowd management tool by Law Enforcement and Corrections. The Rubber Ball CS Blast has an initial 1.5 second delay that initiates fuse assembly separation, followed by another .5 second delay. The Rubber Ball CS Blast Grenade combines loud report and flash with effects of chemical agents.

(Description and photo source) <https://www.defense-technology.com/?s=inert+blast+1098>



#### 6282 Spede-Heat 40MM Short-Range Round,CS

**Manufacturer:** Defense Technology

**Manufacturer Description:** The Spede-Heat™ 40mm Short Range CS Round is most widely used as a crowd management tool by Law Enforcement and Corrections for the rapid deployment of chemical agent from a 40mm launcher. The Spede-Heat™ 40mm Round contains one (1) canister ported on each end. The Spede-Heat™ 40mm Round is designed for outdoor use and has fire-producing capability. It is not intended for barricade penetration. Do NOT fire directly at personnel, as serious injury or death may result.

(Description and photo source) [Spede-Heat™ 40 mm Short-Range Round, CS - Defense Technology](#)



#### CTS 7290m

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** Type: Noise/Flash Diversion Device, Body Material: Steel - Black Chromate Diameter 1.50" (38 mm) Length 5.40" (137 mm), Weight: 430 gm, Blast Ports: 10 on top. 10 on bottom, Fuze Type: Model 201, Fuze Delay: 1.5 +/- 0.3 sec., Average Sound Output: 165-180 Db, Light Output: 2 million Candela, Single Use Only

(Description and photo source) [7290M - Mini-Bang® - Steel Body - Combined Systems](#)



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024



### CTS 4233 40mm CS Multi 3 Smoke

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** This 40MM aluminum cartridge launches 3 sub-munitions that emit CS via rapid burning. The munition is used from a stand-off distance, and it is effective to disperse unruly crowds or deny areas during riots and civil disorder.

(Description and photo source) [4233 - 40MM CS Multi 3 Smoke, 4.8" Long - Combined Systems](#)



### CTS 1901A Mk9 Hose and Wand OC

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** MK-9 offers higher pressure for wider fields of spray and larger capacity for multiple target engagements. It is the go-to alternative to large extinguisher OC Aerosol dispensers.

(Description and photo source) [1901A - MK-9 Hose and Wand Attachment- Only adapts to Model 1947 OC Vapor - Combined Systems](#)



### CTS 1337 OC Aerosol Fogger 2oz

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** MK-9 offers higher pressure for wider fields of spray and larger capacity for multiple target engagements. It is the go-to alternative to large extinguisher OC Aerosol dispensers.

(Description and photo source) <https://www.combinedsystems.com/wp-content/uploads/2019/03/CSI.LessLethalProducSource-Catalog-revised-1.pdf>



### CTS 9230 CS Smoke Jet Lite Rubber Ball, Pyro

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** The 9230 CS Jet-Lite Rubber Ball Grenade is one of the smaller diameters burning grenades that discharges a high volume of chemical agents through multiple emission ports. Specifically for outdoor use and should not be deployed from rooftops, in crawl spaces or indoors due to fire producing capability. Can be hand thrown or

(Description and photo source) <https://www.combinedsystems.com/product/9230-cs-jet-lite-rubber-ball-grenade-pyro/>



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024



### CTS 9410 Inert Rubber Ball Tear Grenade

**Manufacturer:** Combined Tactical Systems

**Manufacturer Description:** The 9410 Inert Tear Ball Grenades produce a loud blast, emit bright light, and subsequently dispersing a cloud of inert powder. The primary application of this device is for riot control. Tear Balls are primarily used for crowd control in indoor and outdoor situations.

(Description and photo source) <https://www.combinedsystems.com/product/9410-inert-tear-ball-grenade/>



### CS SKAT Shell 6172

**Manufacturer:** Defense Technology

**Manufacturer Description:**

Launchable 40mm, Burning CS / Outdoor, Risk of fire, Max range 80-100 yards, Discharge time 20-30 seconds, 0.90 oz active agent, 4 separate sub-munitions (40mm- 4).

(Description and photo source) [Skat Shell® 40 mm Multiple Projectile Round, CS - Defense Technology](#)



### CS FERRET Powder 2292

**Manufacturer:** Defense Technology

**Manufacturer Description:** The Ferret® 40 mm Barricade Penetrating Round is filled with a CS powder chemical agent. It is a frangible projectile that is spin stabilized utilizing barrel rifling. It is non-burning and designed to penetrate barriers. Primarily used to dislodge barricaded subjects, it can also be used for area denial. Primarily used by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impact the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle.

(Description and photo source) [Ferret® 40 mm Powder Barricade Round, CS - Defense Technology](#)



#### Direct Impact Marking 6326

**Manufacturer:** Defense Technology

**Manufacturer Description:** The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with a green marking agent, the Direct Impact can be used to indicate the aggressor in a crowd or riot situation to the team on the ground.

(Description and photo source) [Direct Impact® 40 mm Marking Crushable Foam Round - Defense Technology](#)



#### Frangible Impact 4550 Orange Marking Powder

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with a green marking agent, the Direct Impact can be used to indicate the aggressor in a crowd or riot situation to the team on the ground.

(Description and photo source) [4550- 40MM Frangible Impact-Orange Marking Powder - Combined Systems](#)



#### 12GA 2581 Super Sock

**Manufacturer:** Combined Tactical Systems

**Manufacture Description:** The Model 2581 Super-Sock® is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to “unfold” or “stabilize.” The Super-Sock® is an aerodynamic projectile and its accuracy is relative to the shotgun, barrel length, environmental conditions, and the operator. The Super-Sock® is first in its class providing the point control accuracy and consistent energy to momentarily incapacitate violent, non-compliant subjects. Effective range is 75ft.

(Description and photo source) [2581 - 12GA Super-Sock® Bean Bag, Point Control Impact Munition - Combined Systems](#)



#### 40mm Projectile Launchers & Specialty Impact Munition (SIM) weapons

**40mm Launchers (Projectile Launch Platforms):** A single shot or multi-shot Extended Range Impact Weapon (ERIW) launcher capable for firing a variety of 40mm rounds.

**Equipment Capabilities:** 40mm launchers can fire a variety of munitions with a maximum effective range of one hundred twenty (120) feet and deliver 40mm munitions in the form of chemical agents, sponge baton rounds, or combined use sponge baton OC chemical agent rounds.

**Purpose/Usage:** The 40mm Projectile Launchers & Specialty Impact Munition (SIM) weapons can only be deployed through the Tactical Operations Team, who may be activated at the discretion of the Patrol Division Watch Commander, or an Area Commander who is on scene and assumes Incident Command. Furthermore, Patrol Rifle Officers (PRO) have also received training in 40mm deployments. This is covered in Oakland Police Policy DGO K-5 and TB III-G. The usage of such equipment can provide tactical operators non-lethal options and provide tactical opportunities.

**Training Requirements:** Each operator completes a 10-hour training on Chemical Agents/SIMS Munitions Deployments.

**Lifespan:** Defense Technology (37mm single launcher) - No lifespan indicated by the manufacturer.

Defense Technology 40mm Launchers – No lifespan indicated by manufacturer.

Penn Arms 40mm Launchers – No lifespan indicated by manufacturer.

Wilson Combat - No lifespan indicated by the manufacturer.

The Department currently possesses the following types of 40mm launchers

#### Defense Technology (40mm single launcher)

Manufacturer: Defense Technology

Manufacturer Description: Rifled barrel, Breech fed, Double action/single action, Picatinny rail.



**40mm Single Launcher (pictured above)**

(Description and photo source) [40mm LMT™ Tactical Single Launcher, Expandable Stock - Defense Technology](#)





# *Oakland Police Department*

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

### **Penn Arms (PGL 65-40)**

Manufacturer: Combined Tactical Systems

Manufacturer Description: A 40mm pump-action advance magazine drum launcher with a fixed stock and combo rail. It has a six-shot capacity and rifled barrel. Previously labeled the PGL-65, the features include Double-action trigger, trigger lock push button and hammer lock safeties.



**Penn Arms PGL 65-40 (pictured above)**

(Description and photo source) [P540-1 - PUMP MULTI-LAUNCHER 5" CYL. FIXED STOCK w/ COMBO RAIL \(PGL-65 40\) - Combined Systems](#)

### **Wilson Combat**

Manufacturer: Wilson Combat Less Lethal

Manufacturer Description: The Remington 870 Police pump-action shotgun is a rugged 12-gauge with a short, tactical 18" barrel backed by a stout 3" chamber. The all-matte black gun is Parkerized for generalized durability and rust-resistance. Both the pump action forend and stock are robust and tough synthetic.



**Less Lethal Combat Shotgun (pictured above)**

(Description and photo source) <https://www.wilsoncombat.com/less-lethal/>



## Long Range Acoustic Device (LRAD)

**Long Range Acoustic Device (LRAD):** The LRAD is a type of loudspeaker system that emits a focused and directional beam of sound.

**Equipment Capabilities:** The sound levels of this device are controllable and range from a mild public address type speaker sound level and giving directions.

**Purpose/Usage:** The LRAD can be used as a PA to issue Emergency Evacuation Orders, communicate with a subject during a law enforcement operation where direct communication is not possible, or to relay directions to a crowd in a noisy environment (unlawful assembly announcements).

All applicable State, Federal and Local laws governing police use of force. Various Oakland Police Department Policies on Use of Force and Firearms (K-3, K-4, K-5, and TB III-G). Command Approval required to use this device.

**Training Requirements:** Each operator must be trained and be a part of the HNT.

**Lifespan:** **LRAD – Model 100X** – One (1) year limited warranty. No lifespan indicated by manufacturer. Lifespan varies on operational usage and wear.

**LRAD – Model 450XL** - One (1) year limited warranty. No lifespan indicated by manufacturer. Lifespan varies on operational usage and wear.

The Department currently possesses the following types of LRAD's:

### LRAD 100X

**Manufacturer:** Genasys



**Manufacture Description:** The LRAD 100X is a self-contained, portable communication system for on-scene and tactical communication. With unparalleled vocal clarity and up to 30db louder than bullhorns, megaphones, and vehicle P.A. systems, the LRAD 100X is also four to six times louder than other acoustic hailers of comparable size and weight. LRAD's optimized driver and waveguide technology ensures every message is clearly broadcast, heard and understood, even above engine, crowd, siren, and background noise. The LRAD warning tone commands attention to the voice messages that follow and provides a safer alternative to non-lethal and kinetic measures for changing behavior.

(Description and photo source) [https://genasys.com/content/uploads/2024/11/LRAD-100X-DS-QR-D00159-Rev.-](https://genasys.com/content/uploads/2024/11/LRAD-100X-DS-QR-D00159-Rev.-1.pdf)

[1.pdf](#)



#### LRAD 450XL

**Manufacturer:** Genasys

**Manufacture Description:** The LRAD 450XL utilizes technology developed and patented\* by LRAD Corporation to provide the audio output of larger acoustic hailers almost twice its size and weight, while delivering the same outstanding vocal clarity consistent with all LRAD systems. The LRAD 450XL broadcasts powerful warning tones to command attention to the highly intelligible voice messages that follow enabling operators to change behavior and enhance response capabilities with safe, scalable escalation of force. Lightweight and designed for use on tripods or mounted on vessels, vehicles and Remote Weapon Stations (RWS), the LRAD 450XL is a highly effective, long-range communication and deterrent system in use around the world for public safety, law enforcement, maritime and defense applications.

(Description and photo source) [https://genasys.com/content/uploads/2021/08/LRAD-450XL\\_D00101-Rev.-B\\_3-4.pdf](https://genasys.com/content/uploads/2021/08/LRAD-450XL_D00101-Rev.-B_3-4.pdf)

## Crowd Control Equipment

**Crowd control** is defined as those techniques used to address unlawful public assemblies, including a display of formidable numbers of police officers, crowd containment, dispersal tactics, and arrest procedures.

Crowd Control **Helmets** should only be used during a protest or demonstration to protect members' head and eyes from thrown objects.

Crowd Control helmets shall not be used unless there is an articulable reason to wear them in public view.

**Equipment Capabilities:** See product description

**Purpose/Usage:** Crowd control helmets should be used at the authorization of a commander or supervisor. Members do not have to wait for objects to be thrown before authorizing/donning helmets. In the event of exigent circumstances, officers can don crowd control helmets to protect themselves. There is no Oakland Police Department Policy that governs the use of shields during Crowd Control situations.

**Training Requirements:** Each member takes an 8-hour Crowd Control class in the Academy. There is also 2-hours in CPT.

**Lifespan:** Helmets - No lifespan indicated by the manufacturer.



#### **Helmet-Non Ballistic (906 Series)**

Manufacturer: Sirchie

Manufacturer Description:



- TacElite EPR polycarbonate alloy helmet shell
- Expanded polystyrene liner with padded, sweat-wicking inner liner
- Permanently mounted neck protector with Kydex penetration shield and shock absorbent foam pad
- Detachable 0.150" (3.8mm) thick face shield with liquid seal prevents liquids from seeping into officer's eyes
- Molded lip on top edge of face shield prevents shield from closing over integral visor and striking the face
- Double D-ring fastener provides maximum strength and slip resistance. NIJ compliant quick release buckle also included (user installation required).
- Snap-on nape pad with Kydex penetration shield, shock-absorbent foam pads and chemical-resistant black Cordura cover
- Plastic chin cup for added comfort when harness is tightened. Optional chin pad available.
- Face guard: Steel wire with black nylon coating and welded joints for maximum strength and safety. Wire guard is form fitted to match radius of face shield and is attached by four heavy-duty nylon clips. Viewing area: 2 3/4" x 8 1/2" (7.0cm x 21.6cm) (Model 906C only)
- Weight Model 906: 3.2 lbs. (1.5 Kg)
- Weight Model 906FS6: 3.2 lbs. (1.5 Kg)
- Weight Model 906C: 4 lbs. (1.8 Kg)

Meets or exceeds NIJ Standard for Riot Helmets, NIJ 0104.02\* (Model 906 only)

(Description and photo source) <https://www.sirchie.com/906-series-tacelite-epr-polycarbonate-alloy-riot-helmet.html>



## **Military Equipment Use Summary 2024**

While the Oakland Police Department's inventory of military equipment is varied, the mere possession of the equipment does not warrant its use for every incident. The Oakland Police Department recognizes that critical incidents are unpredictable and can vary in nature. A variety of military equipment options can greatly assist incident commanders, officers, and specific units in bringing those incidents to a swift resolution in a safe manner. The use of military equipment is restricted for use only in certain instances and in some cases only by certain units. This section outlines the military equipment usage for 2024. Certain items of military equipment, particularly consumables (ammunition, diversionary devices, chemical agents, etc.) are used throughout the year on a regular basis for training to maintain proficiency. This section only provides data for the operational use of military equipment listed within this Annual Equipment Report.







# ***Oakland Police Department***

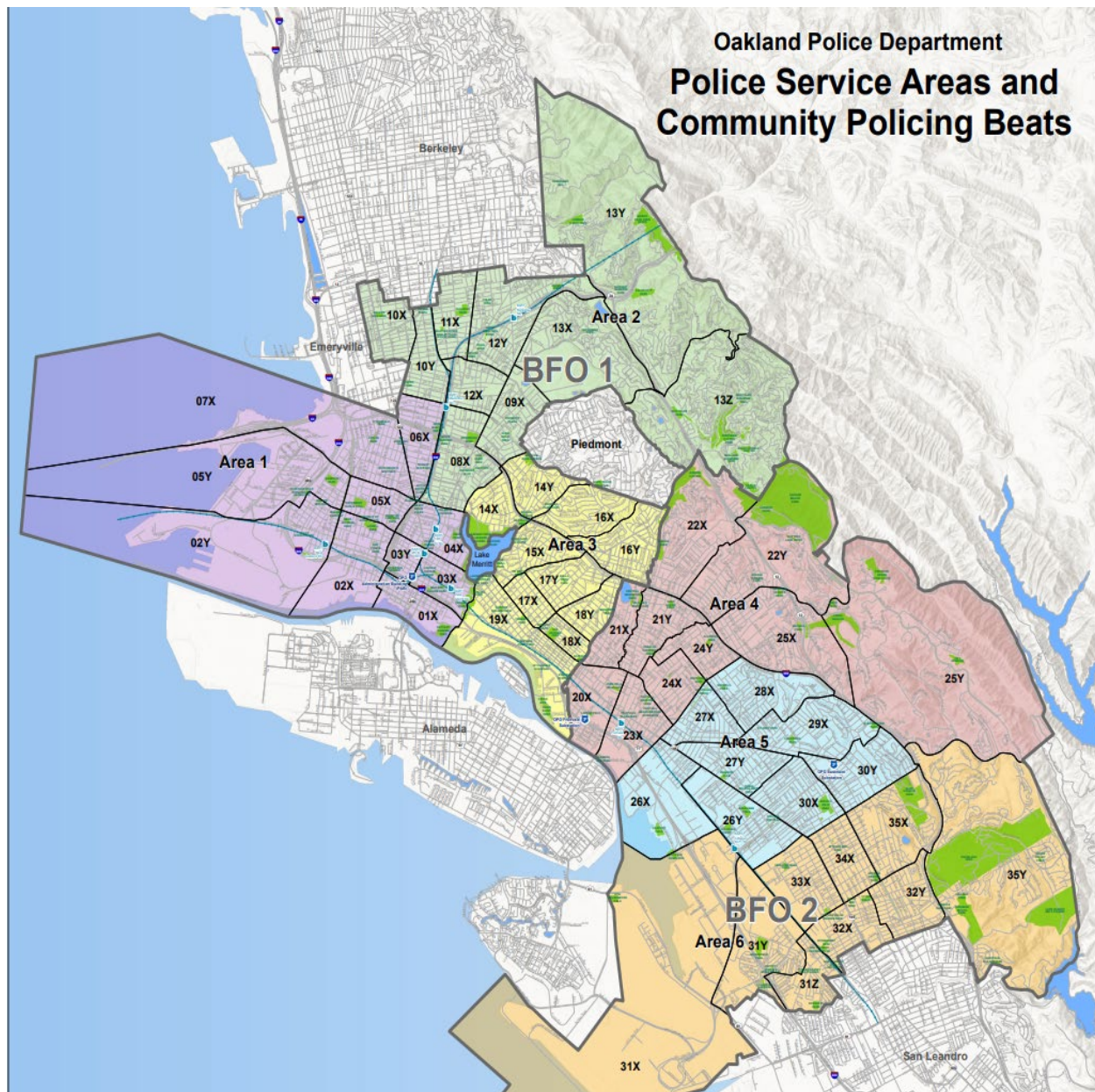
## **ANNUAL MILITARY EQUIPMENT USE REPORT**

**January 2024 - December 2024**

### **Geographic Reference**

The City of Oakland is divided into two Bureau of Field Operations, (BFO 1 and BFO 2). Within each BFO exists three areas and there is a total of thirty-five policing beats.

Reference map below.







### Military Equipment Usage Summary 2024 (1 Jan 24 – 31 Dec 24).

The following data represents the military equipment used by Oakland Police Department from January 1, 2024 through December 31, 2024. The equipment was deployed for the following reasons: Sideshow events, Barricaded Suspects, Service of High-Risk Search and Arrest Warrants, Arrest of Armed and Dangerous Subjects, Fleeing Suspects and Perimeter Searches, De-escalation, High Visibility Crime Prevention Details, and Shot Spotter Activations. Multiple pieces of the same item are sometimes deployed on one scene (example: rifles, drones, chemical agents, SIMS, and Smoke). This is reflected in the difference of TOTAL USED and NUMBER OF TIMES USED.

MILITARY EQUIPMENT ITEMS USED	NUMBER OF TIMES		WARRANTS
	USED	TOTAL USED	
DJI Mavic E2A	93	93	44
DJI Mavic Mini	43	43	27
DJI Matrice 300 RTK	9	9	1
ICOR Mini Caliber	11	11	5
Avatar Tactical Robot	3	3	N/A
Andros Mark 5A	2	2	N/A
Recon Scout Robot	1	1	N/A
Zistos Tactical Systems Pole Camera	1	1	N/A
Tactical Electronics Core Pole Camera System	9	9	3
BearCat	64	64	9
Armored Suburban	37	37	10
Mobile Command Vehicle - MCV #0222	1	1	N/A
HNT Vehicle #1197	2	2	2
Colt LE6920 (AR15)	97	262	30
Noveske N4	12	20	5
BCM CQB MCMR 11	42	167	24
GA Precision Bolt Action .308 Win Rifle	5	22	3
Daniel Defense AR-15	2	2	1
Mega Arms AR-15	3	4	2
Seekins Precision SP10 AR-10	1	1	1
Def Tec CS Blast 1097 - Chemical Agent	2	4	N/A
CTS 9430 Tear Ball CS - Chemical Agent	1	2	N/A
CTS 5230B - Chemical Agent	1	1	N/A
CTS 7290M - FLASHBANG	3	3	2
CTS12GA 2581 Super Sock - SIMS	6	9	1
CTS 4431 40mm CS Powder– Chemical Agent	1	1	1
Defense Technology (40mm single launcher)	6	6	1
Wilson Combat	1	1	1
LRAD - 100X	1	1	1



#### Search Warrant Deployment: Area and Type

Area 1 Warrant Types	Total
Armed Suspects	11
Assault W/Deadly Weapon Suspect	1
Assist Outside Agency	5
Homicide Suspect	6
Parole Violation	1
Possession of Firearm Suspect	1
Shooting Suspect	2
AREA TOTALS	27

Area 2 Warrant Types	Total
Armed Shooting Suspect	1
AREA TOTALS	1

Area 3 Warrant Types	Totals
Assist Outside Agency	8
Code 7 Suspect	1
Illegal Gambling Establishment	1
AREA TOTALS	10

Area 4 Warrant Types	Totals
Armed Shooting Suspect	8
AREA TOTALS	8

Area 5 Warrant Types	Totals
Armed Suspects	5
Brandishing Firearm Suspect	22
Gang Shootings Suspects	1
High Risk Suspect	5
Mass Shooting	1
Robbery Suspect	1
Vehicular Manslaughter Suspect	1
AREA TOTALS	36

Area 6 Warrant Types	Totals
Armed Suspect	15
Armed Robbery Suspects	1
Assist Outside Agency	3
Domestic Battery	1
High Risk Suspect	20
Homicide Suspect	10
Outstanding Carjacking Investigation	1
Shot Spotter Activation	2
AREA TOTALS	53

Outside of Area Warrant Types	Totals
High Risk Suspect	14
Homicide Suspect	5
Shooting Suspect	1
AREA TOTALS	20

#### Complaints Summary and Internal Audits Regarding Military Equipment Usage

- There were no known IAB or CPRA complaints for the direct deployment of militarized equipment.

**Impact:** An updated assessment specifically identifying any potential impacts that the use of the controlled equipment might have on the welfare, safety, civil rights, and civil liberties of the public, and what specific affirmative measures will be implemented to safeguard the public from potential adverse impacts.

- The Department's Strategic Communications Manager indicated there were no known adverse impacts from the use of controlled equipment.



## Military Equipment Inventory

### Department Inventory of Military Equipment – Calendar Year 2024

(\*NOTE: The inventory of certain items of consumable military equipment (i.e., ammunition, diversionary devices, chemical agents, etc.) can fluctuate throughout the year. This can be due to operational usage, training usage, operational wear, and/or manufacturer recommended replacement guidelines. While the Department strives to provide accuracy in its inventory reporting as prescribed by law, this appendix reflects approximations of certain consumable items of military equipment at the time of this report's publication.)

UNMANNED AIRCRAFT SYSTEMS (UAS)			
DRONES	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
MAVIC Enterprise 2 Advanced - DJI	7	In Use	8
MAVIC MINI - DJI	5	In Use	10
MATRICE 300 RTK - DJI	1	In Use	1

UNMANNED TRACKED ROBOTS			
ROBOTS	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
MINI CALIBER - ICOR TECHNOLOGY	1	In Use	1
AVATAR TACTICAL ROBOT - ROBOTEX	2	In Use	0
ANDROS MARK 5A-1 - NORTHROP GRUMMAN	1	In Use	0
RECON SCOUT RECONNAISSANCE	1	In Use	0

ARMORED PERSONNEL CARRIERS			
	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
BEARCAT - LENC0	1	In Use	unknown-dependent on authorization to replace
ARMORED SUBURBAN - THE ARMORED GROUP	1	In Use	2

POLE CAMERAS	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
ZISTOS TACTICAL SYSTEM	1	In Use	0
TACTICAL ELECTRONICS LPSS3 LONG POLICE WIRELESS VIDEO CAMERA	1	Training	0
TACTICAL ELECTRONICS CORE POLE CAMERA	2	In Use	0

COMMAND POST VEHICLES	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
OFD/OPD MOBILE COMMAND VEHICLES #0222 - LYNCH DIVERSIFIED VEHICLES	1	In Use	Unknown
OPD COMMUNITY RESOURCE VEHICLES #1102/1103/1104 - LYNCH DIVERSIFIED VEHICLES	3	In Use	Unknown
HOSTAGE NEGOTIATION TEAM #1197 - FARBER SPECIALTY VEHICLES	1	In Use	Unknown



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

EXPLOSIVE BREACHING TOOLS	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
Remington Breaching Shotgun - REMINGTON ARMS COMPANY	2	In use	0
Dyno Nobel / Primacord 21	1644.5 ft.	1644.5 ft.	1000ft
Dyno Nobel / Primacord 10	2040ft.	2040ft.	1000ft
Dyno Nobel / Primacord 5	2973ft.	2973ft.	1000ft
Dyno Nobel / Primacord 4y	2025.7ft.	2025.7ft.	1000ft
Ensign-Bickford / PRIMASHEET	8lbs.	8lbs	0
Dyno Nobel / Nonel MS 1.4B	281 units	Expired 3/2024	100 units

SPECIALIZED FIREARM RIFLES			
ASSAULT RIFLES	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
Colt LE6920 (AR15)	72	In use	0
Noveske N4	25	In use	0
Bravo Company Manufacturing (BCM CQB MCMR 11)	30	In use	75
GA Precision Bolt Action .308 Win Rifle	12	In use	0
Seekins Precision SP10 AR-10	15	Awaiting Approval	0

40MM LAUNCHERS			
CHEMICAL AGENTS/SMOKE/SIMS	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
Defense Technology (40mm single launcher)	8	In use	2
Penn Arms (PGL 65-40)	9	In use	Unknown
Wilson Combat (orange stock) - COMBINED TACTICAL SYSTEMS	40	In use	Unknown
Defense Technology 1087 Stinger	36	0	0
Defense Technology 1097 CS Blast	204	0	0
Defense Technology 1016 CS Pocket Tactical	50	0	0
Defense Technology 2292 40mm CS Powder Barricade Indoor	100	0	0
Defense Technology 1092 CS Han-Ball	75	0	50
Defense Technology 6172 CS SKAT Multi-Projectile	50	0	0
Defense Technology 6326 40mm Direct Impact Marking	65	65	200
Defense Technology 1098 Inert Blast	168	0	0
Defense Technology 1082 CS Riot Control	0	40	40
Defense Technology 1032 CS Flameless Tri-Chamber	0	0	0
Defense Technology 6282 CS Spede-Heat	0	0	0
Defense Technology 1026 CS Triple Chaser	50	0	50
Combined Tactical Systems 5230B CS Indoor Baffled	10	10	100
Combined Tactical Systems 5231 CS Triple-Phaser	20	20	50
Combined Tactical Systems 1337 OC Aerosol Fogger 2oz	15	15	25
Combined Tactical Systems 1901A Mk9 OC Hose and Wand	5	5	5
Combined Tactical Systems 4233 40mm CS Multi-Projectile	84	84	50
Combined Tactical Systems 4431 40mm CS Powder Barricade Indoor	90	90	100
Combined Tactical Systems 9230 CS Jet Lite Rubber Ball, Pyro	50	?	50
Combined Tactical Systems 9410 Inert Rubber Ball Tear Grenade	35	35	75
Combined Tactical System 9430 CS Tear Ball	75	75	100



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

Combined Tactical System 12GA 2581 Super Sock			
Combined Tactical System 4450 40mm Direct Impact Marking	25	25	100
Combined Tactical System 7290M Flashbang			

LRAD	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
100X	1	In Use	1
450XL	1	In Use	0

CROWD CONTROL	QTY	IN USE/RETIRED	QTY SOUGHT IN NEXT YEAR
Helmets - ATLANTIC TACTICAL	703	In Use	Unknown

### Fiscal Impact by Equipment Type – Fiscal Year 2024 (July 2024 – June 2024).

UNMANNED AIRCRAFT SYSTEMS – (UAS)			
EQUIPMENT NAME & MANUFACTURER	INITIAL COST & FUNDING SOURCE	ONGOING ANNUAL COST	PROJECTED ANNUAL COST – FY 25
DJI MAVIC E2A	\$7,800	\$1,000-\$5000	\$7,300 per unit
DJI MAVIC MINI	\$900	\$1,000-\$5000	\$700 per unit
DJI MATRICE 300 RTK	\$35,000	\$1,000-\$5000	\$40,000 per unit

UNMANNED TRACKED ROBOTS			
EQUIPMENT NAME & MANUFACTURER	INITIAL COST & FUNDING SOURCE	ONGOING ANNUAL COST	PROJECTED ANNUAL COST – FY 25
ICOR MINI CALIBER	\$116,000	5,000-\$10,000	\$119,000 per unit
AVATAR TACTICAL ROBOT	\$40,000	\$3,000	Unknown
ANDROS MARK 5A-1	\$280000/UASI Homeland Security Grant	\$0.00	Unknown

ARMORED PERSONNEL CARRIERS			
EQUIPMENT NAME & MANUFACTURER	INITIAL COST & FUNDING SOURCE	ONGOING ANNUAL COST	PROJECTED ANNUAL COST – FY 25
ERV	\$323726/UASI Homeland Security Grant	\$1,418	Unknown
ARMORED SUBURBAN	\$140000/UASI Homeland Security Grant	\$3,000.00	\$250,000 per vehicle



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

COMMAND AND CONTROL VEHICLES			
EQUIPMENT NAME & MANUFACTURER	INITIAL COST & FUNDING SOURCE	ONGOING ANNUAL COST	PROJECTED ANNUAL COST – FY 25
OFD/OPD MOBILE COMMAND VEHICLES	\$627,058	\$1,791- \$2,449	Unknown
OPD COMMUNITY RESOURCE	\$325,049.25.	\$1,791- \$2,449	Unknown
HOSTAGE NEGOTIATION TEAM – HNT	\$226611.07/UASI Homeland Security Grant	\$1,418	Unknown

EXPLOSIVE BREACHING EQUIPMENT			
EQUIPMENT NAME & MANUFACTURER	INITIAL COST & FUNDING SOURCE	ONGOING ANNUAL COST	PROJECTED ANNUAL COST – FY 25
Dyno Nobel / Primacord 21	\$1,700 per 1600 feet	zero cost	Unknown
Dyno Nobel / Primacord 10	\$965.96	zero cost	Unknown
Dyno Nobel / Primacord 5	\$1,002.39	zero cost	Unknown
Dyno Nobel / Primacord 4y	\$586.50	zero cost	Unknown
Ensign-Bickford / PRIMASHEET	\$162 per lbs	zero cost	Zero Cost Phasing Out
Dyno Nobel / Nonel MS 1.4B	\$429 per 30 units	zero cost	\$14.30 per unit

SPECIALIZED FIREARM RIFLES			
EQUIPMENT NAME & MANUFACTURER	INITIAL COST & FUNDING SOURCE	ONGOING ANNUAL COST	PROJECTED ANNUAL COST – FY 25
Colt LE6920 (AR15)	\$1099 per unit	zero cost	\$0.00
Noveske N4	\$1,500 per unit	zero cost	\$0.00
Bravo Company Manufacturing (BCM CQB MCMR 11)	\$1,400 per unit	zero cost	\$5,695.50 per item
GA Precision Bolt Action .308 Win Rifle	\$9,000 per a rifle	zero cost	Unknown

SPECIALTY IMPACT MUNITIONS & LIGHT SOUND INCENDIARY DEVICES			
EQUIPMENT NAME & MANUFACTURER	INITIAL COST & FUNDING SOURCE	ONGOING ANNUAL COST	PROJECTED ANNUAL COST
Defense Technology 1087 Stinger	Unknown	Zero Cost	\$0.00
Defense Technology 1097 CS Blast	Unknown	Zero Cost	\$56.44
Defense Technology 1016 CS Pocket Tactical	Unknown	Zero Cost	\$28.03 per unit
Defense Technology 2292 40mm CS Powder Barricade Indoor	Unknown	Zero Cost	25.97 per unit
Defense Technology 1092 CS Han-Ball	Unknown	Zero Cost	44.13 per unit
Defense Technology 6172 CS SKAT Multi-Projectile	Unknown	Zero Cost	35.3 per unit
Defense Technology 6326 40mm Direct Impact Marking	\$25 per unit	Zero Cost	\$35.00 per unit





# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

Defense Technology 1098 Inert Blast	Unknown	Zero Cost	53.08 per unit
Defense Technology 1082 CS Riot Control	\$17,200	Zero Cost	Unknown
Defense Technology 1032 CS Flameless Tri-Chamber	Unknown	Zero Cost	Unknown
Defense Technology 6282 CS Spede-Heat	Unknown		26.24 per unit
Defense Technology 1026 CS Triple Chaser	Unknown	Zero Cost	52.26 per unit
Combined Tactical Systems 5230B CS Indoor Baffled	Unknown	Zero Cost	\$58.80 per unit
Combined Tactical Systems 5231 CS Triple-Phaser	Unknown	Zero Cost	\$64.27 per unit

Combined Tactical Systems 1337 OC Aerosol Fogger 2oz	\$11.97 per unit	Zero Cost	Unknown
Combined Tactical Systems 1901A Mk9 OC Hose and Wand	\$33.85 per unit	Zero Cost	Unknown
Combined Tactical Systems 4233 40mm CS Multi-Projectile	\$23.59 per unit	Zero Cost	\$41.30 per unit
Combined Tactical Systems 4431 40mm CS Powder Barricade Indoor	\$19.47 per unit	Zero Cost	\$45.70 per unit
Combined Tactical Systems 9230 CS Jet Lite Rubber Ball, Pyro	\$25.52 per unit	Zero Cost	\$45.70 per unit
Combined Tactical Systems 9410 Inert Rubber Ball Tear Grenade	\$35.93 per unit	Zero Cost	\$67.73 per unit
Combined Tactical System 9430 CS Tear Ball	Unknown	Zero Cost	\$65.55 per unit
Combined Tactical System 12GA 2581 Super Sock	\$5 per unit	Zero Cost	\$700 per case
Combined Tactical System 4450 40mm Direct Impact Marking	Unknown	Unknown	Unknown
CTS 4233 40mm CS Multi 3 Smoke	\$40 per a unit	\$1,000	\$51.50 per unit
CTS 9410 Inert Rubber Ball Tear Grenade	\$35.93 per unit	Zero Cost	\$67.73 per unit
CTS 1901A Mk9 Hose and Wand OC	\$33.85 per unit	Zero Cost	Unknown
CTS 1337 OC Aerosol Fogger 2oz	\$11.97 per unit	Zero Cost	Unknown
CTS 9230 CS Smoke Jet Lite Rubber Ball, Pyro	\$25.52 per unit	Zero Cost	\$45.70 per unit
CTS 4431 40mm CS Powder No Flame Barricade Indoor	\$19.47 per unit	Zero Cost	\$45.70 per unit



# *Oakland Police Department*

## **ANNUAL MILITARY EQUIPMENT USE REPORT**

**January 2024 - December 2024**

<b>40MM PROJECTILE LAUNCHERS</b>			
<b>EQUIPMENT NAME &amp; MANUFACTURER</b>	<b>INITIAL COST &amp; FUNDING SOURCE</b>	<b>ONGOING ANNUAL COST</b>	<b>PROJECTED ANNUAL COST</b>
Defense Technology (40mm single launcher)	\$500 per unit	Zero Cost	\$1,150 per unit
Penn Arms (PGL 65-40)	\$1600 per unit	Zero Cost	\$0.00
Wilson Combat	\$1200 per unit	Zero Cost	\$0.00

<b>LONG RANGE ACOUSTIC DEVICES</b>			
<b>EQUIPMENT NAME &amp; MANUFACTURER</b>	<b>INITIAL COST &amp; FUNDING SOURCE</b>	<b>ONGOING ANNUAL COST</b>	<b>PROJECTED ANNUAL COST</b>
100X	\$14,232/UASI Homeland Security Grant	Zero Cost	\$32,000 per item
450X	\$41,359.62/UASI Homeland Security Grant	Zero Cost	\$0.00

<b>CROWD CONTROL</b>			
<b>EQUIPMENT NAME &amp; MANUFACTURER</b>	<b>INITIAL COST &amp; FUNDING SOURCE</b>	<b>ONGOING ANNUAL COST</b>	<b>PROJECTED ANNUAL COST</b>
Helmets	Approximately \$152.48 per unit	Zero Cost	\$0.00



## **Estimated Projected Cost Fiscal Year 2024**

There are numerous associated financial next calendar year costs associated with each piece of militarized equipment to include acquisition cost, transportation cost, maintenance cost, training costs, storage costs, upgrade costs, and general ongoing costs. The below tables capture those estimated costs.

Estimated Training Costs were calculated based on the salaries of academy recruits, top step officers, and sergeant 2024 salaries:

Academy trainee rate: \$42.02 an hour.

Top step officer rate: \$69.27 an hour.

Sergeant rate: \$79.92 an hour.

Ongoing training is imperative to ensure department personnel are proficient in the use of authorized equipment and tools in accordance with best practices, the law, and department policy. Training programs are developed for numerous ancillary support teams to ensure their adherence to department policies and the law.

The Entry Team consists of eighteen officers and five sergeants. These members train for approximately 240 hours per calendar year. At the 2024 salary rate the estimated ongoing calendar year training budget for that team is \$382,764.94.

The Patrol Rifle program consists of approximately fifty officer members and four sergeant members. Each member trains about 40 hours per calendar year. At the 2024 salary rate the estimated ongoing calendar year training budget for that team is \$151,483.43.

The Sniper Team consists of six officers and four sergeants. Each member trains for approximately 240 hours per calendar year. At the 2024 salary rate the estimated ongoing calendar year training budget for that team is \$195,845.07.

The Unmanned Aerial System (UAS) consists of nine officers and one sergeant. Each member trains about 240 hours per calendar year. At the 2024 salary rate the estimated ongoing calendar year training budget for that team is \$168,978.31.

Academy recruits engage in about fifty hours of shotgun firearm related training per academy at an estimated cost of \$52,346.88. This is a one-time cost. They also engage in training requiring the use of the riot helmet for approximately twelve hours per academy at a one-time cost estimate of \$12,563.29.

When referencing the below chart and the estimated training cost for the next calendar year, for listed item, it must be noted that the expenditures listed have already been calculated into the above listed annual training costs for their respective team.

For example, for chemical munitions, all patrol rifle program and entry team members engage in at least five hours of annual training to ensure proficiency with use, the law, and department policy. At the 2024 salary rate the estimated ongoing calendar year training budget for chemical munitions is \$29,239.53.

The \$29,239.53 costs for this training have already been taken into account in each team's overall annual budget and does not add any additional expense.



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

UNMANNED AIRCRAFT SYSTEMS (UAS)						
EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
DJI MAVIC E2A	\$58,400	\$0.00	\$1,418	\$0.00	\$0.00	\$1000 - \$5000
DJI MAVIC MINI	\$7,000	\$0.00	\$1418	\$0.00	\$0.00	\$1000 - \$5000
DJI MATRICE 300 RTK	\$40,000	\$0.00	\$1418	\$0.00	\$0.00	\$1000 - \$5000

UNMANNED TRACKED ROBOTS						
EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
ICOR MINI CALIBER	\$119,000	\$0.00	\$0.00	\$0.00	\$0.00	\$5000 - \$10000
AVATAR TACTICAL ROBOT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$3,000
ANDROS MARK 5A-1	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00

ARMORED PERSONNEL CARRIERS						
EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition & Training Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
BEARCAT	\$0.00	\$0.00	\$1,791-\$2,449	\$0.00	\$0.00	Unknown
ARMORED SUBURBAN	\$500,000.00	\$0.00	\$3,000.00	\$0.00	\$0.00	



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

COMMAND POST VEHICLES						
EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition & Training Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
OFD/OPD MOBILE COMMAND VEHICLES	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
OPD COMMUNITY RESOURCE	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
HOSTAGE NEGOTIATION TEAM – HNT	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown

EXPLOSIVE BREACHING EQUIPMENT						
EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
Remington Breaching Shotgun with Royal Arms 14” 12-point Breaching Barrel	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Dyno Nobel / Primacord 21	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Dyno Nobel / Primacord 10	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Dyno Nobel / Primacord 5	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Dyno Nobel / Primacord 4y	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

Ensign-Bickford / PRIMASHEET	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Dyno Nobel / Nonel MS 1.4B	\$429.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown

### SPECIALIZED FIREARM RIFLES

EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
Colt LE6920 (AR15)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Noveske N4	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Bravo Company Manufacturing (BCM CQB MCMR 11)	\$394,477.27	\$0.00	\$0.00	\$0.00	\$0.00	Unknown

### SPECIALTY IMPACT MUNITIONS & LIGHT SOUND INCENDIARY DEVICES

EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
Defense Technology / Riot Control 1082	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology / Triple Chaser 1026	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Combined Tactical Systems/ Triple Phaser 5231	\$4,680	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology/ CS Han-Ball 1092	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown





# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

Defense Technology/ CS Blast 1097	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Combined Tactical System/ 9430 Tear Ball CS	\$16,518.60	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology/ Inert Blast 1098	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology/ Stinger 1087	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology/ 1032	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology/ CS 1016	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Combined Tactical Systems/ 5230B	\$11,760.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology/ CS 2262	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Combined Tactical System/ CTS 7290M	\$5,500.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
COMBINED TACTICAL SYSTEMS 4233 40mm CS Multi 3 Smoke	\$4,130.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
CT Systems - 9410 Inert Rubber Ball Tear Grenade	\$4,876.56	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
CT SYSTEMS 1901A Mk9 Hose and Wand OC	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
CT SYSTEMS 1337 OC Aerosol Fogger 2oz	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
CT SYSTEMS 9230 CS Smoke Jet Lite Rubber Ball, Pyro	\$4,570.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown



# Oakland Police Department

## ANNUAL MILITARY EQUIPMENT USE REPORT

January 2024 - December 2024

Defense Technology/ CS Muzzle Blast 6042	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Defense Technology/ Direct Impact Marking 6326	\$7,000.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Combined Tactical System/ Frangible Impact 4550 Orange Marking Powder	\$6,000.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
COMBINED TACTICAL SYSTEMS 4431 40mm CS Powder No Flame Barricade Indoor	\$5,655.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Combined Tactical System/ 12GA 2581 Super Sock	\$14,000.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown

### PROJECTILE LAUNCHERS & SPECIALTY IMPACT MUNITION

EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
Defense Technology (40mm single launcher)	\$2,300.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Penn Arms (PGL 65-40)	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown
Wilson Combat	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	Unknown



**ANNUAL MILITARY EQUIPMENT USE REPORT**

**January 2024 - December 2024**

CROWD CONTROL						
EQUIPMENT NAME & MANUFACTURER	Estimated Acquisition Cost for Next Calendar Year	Estimated Transportation Cost for Next Calendar Year	Estimated Maintenance Cost for Next Calendar Year	Estimated Training Cost for Next Calendar Year	Estimated Upgrade Cost for Next Calendar Year	Estimated Other Ongoing Cost for Next Calendar Year
Helmets	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$11,826





## **Conclusion**

This Annual Military Equipment Report affirms the Oakland Police Department's commitment to providing transparency and information to our communities and elected officials and ensuring compliance with the law and local ordinance.

The equipment, resources, and training outlined in this report enable Oakland Police Officers to better protect our communities, enhance the safety of the public and officers, and bring critical incidents to a safe resolution.

Public safety is a shared responsibility. The strength of OPD lies not solely within the actions of the individual officer but within the resilience and willingness of our communities to work in partnership with our officers to address crime in their neighborhoods.



## Appendix

### Controlled Equipment Impact Report Hyperlinks

- i. [Unmanned Aerial System \(UAS\): Drones](#)
- ii. [Robots and Pole Cameras](#)
- iii. [Armored Vehicle Impact Report](#)
- iv. [Mobile Command Centers Impact Report](#)
- v. [Explosive Breaching Tools Impact Report](#)
- vi. [Patrol Rifles Impact Report](#)
- vii. [Chemical Agents Impact Report](#)
- viii. [Specialty Impact Munitions \(SIMS\) Impact Report](#)
- ix. [Noise-Flash Diversion Devices \(Flash Bangs\) Impact Report](#)
- x. [Long Range Acoustic Device \(LRAD\) Impact Report](#)
- xi. [Riot Helmets Impact Report](#)
- xii. [Redacted Military Equipment Usage Tracking Spreadsheet 2024](#)

## *GET INVOLVED!*



Neighborhood Councils



City Services



Adopt a Spot



CORE Program