

**SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT  
ANNUAL MILITARY EQUIPMENT REPORT  
FOR JANUARY 1 - DECEMBER 31, 2024**

**APRIL 15, 2025**



## I. MILITARY EQUIPMENT INVENTORY

The San Bernardino County Sheriff's Department (Department) utilizes the equipment listed below for law enforcement purposes in a manner that is consistent with the equipment's category's description. The Department's use complies with state and federal law, including any licensing or certification requirements, and County and Department policies and procedures. All equipment is used in a manner that protects public and officer safety and the community's civil rights and civil liberties, with the goal of minimizing injury to persons and property, including when exigent circumstances arise that may require a related use not explicitly described below. Deployment or use is relegated to those who have completed requisite training or qualification, including that from the Department and the Commission on Peace Officer Standards and Training (POST). Some of the Department's equipment is displayed and/or demonstrated to members of the public to educate them on how the equipment enhances public safety, such as at community events and schools.

### A. SPECIALIZED ENFORCEMENT DIVISION

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The Specialized Enforcement Division is comprised of specially trained and highly dedicated sworn and professional personnel who are organized into teams and task forces to provide enforcement in disciplines requiring training and equipment not available to patrol deputies. The division is called upon for many elevated risk tasks, such as Special Weapons and Tactics (SWAT) and Arson/Bomb Detail investigations and responses, including investigation of suspected explosives, elevated and high-risk warrant services, and apprehension of armed fugitives.

#### 1. SMALL UNMANNED AVIATION SYSTEMS

*A Small Unmanned Aviation Systems (sUAS) is an unmanned, remotely-controlled aircraft that is equipped with various sensors and is used to minimize injury to persons and property. sUAS use is often necessary for visual observation of incidents where a danger to life exists and traditional observation methods would be ineffective and more dangerous.*

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#### Item: Sky-Hero LOKI Mk 2

**Description:** The LOKI Mk 2 is an indoor sUAS that weighs approximately two pounds and is used to search the interiors of various structures.

<b>Link:</b>	<a href="https://sky-hero.com/products/loki-mkii/">https://sky-hero.com/products/loki-mkii/</a>
<b>Quantity:</b>	Four (4)
<b>Initial Cost:</b>	\$1,825 per item
<b>Ongoing Costs:</b>	Approximately \$800

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**Item: Autel Evo II Dual**

**Description:** The Evo II Dual is an outdoor sUAS that weighs approximately five pounds and is used to search the exteriors of various structures and assist in search and rescue operations and high-risk law enforcement incidents. The Evo II Dual is equipped with standard and thermal sensors to enable its use during various conditions.

**Link:** <https://auteldrones.com/pages/evo-ii-dual-specification>  
**Quantity:** Two (2)  
**Initial Cost:** \$10,000 per item  
**Ongoing Costs:** Approximately \$400

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**Item: Parrott ANAFI Thermal**

**Description:** The Anafi Thermal is an indoor/outdoor rated sUAS, weighing approximately three pounds, that is used to search interiors and exteriors of various structures. Equipped with standard and thermal sensors to enable its use in day- and nighttime law enforcement, and search and rescue, operations, it is used primarily by tactical bomb technicians to inspect possible explosive devices from safe distances.

**Link:** <https://www.parrot.com/us/drones/anafi-thermal>  
**Quantity:** One (1)  
**Initial Cost:** \$1,583 per item  
**Ongoing Costs:** Approximately \$200

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**AUTHORIZED USE**

The above-listed sUAS are deployed when they assist during SWAT/explosive device responses or other public safety missions, such as hostage rescue operations, barricaded suspects, rural operations involving armed suspects, search and rescue missions, natural disasters, riots, or other missions to protect life. Deployments are relegated to operators with current Remote Pilot ratings from the Federal Aviation Administration. These operators attend initial and ongoing Department sUAS training. The SWAT Commander or designee will approve sUAS use.

**LIFESPAN**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of an sUAS, but the equipment has an estimated lifespan of 1–3 years.

**FISCAL IMPACT:**

Approximately \$1,400

## 2. **ROBOTICS**

Robotics are unmanned, remotely-controlled machines that operate on the ground and are utilized to enhance the safety of operators and the public by moving objects, opening doors, and allowing for visual observation and communication. This equipment minimizes injury to persons and property.

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### **Item: Remotec Andros F6A**

**Description:** The Andros F6A is a heavy-duty robot used for multiple applications including render-safe procedures on improvised explosive devices (IED) and SWAT operations. The F6A is capable of climbing stairs and lifting objects in excess of 65 pounds.

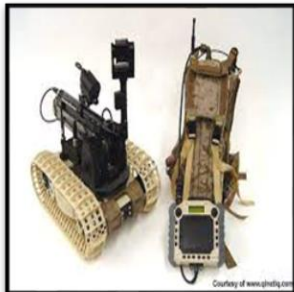
**Link:** [https://www.militaryfactory.com/armor/detail.php?armor\\_id=616](https://www.militaryfactory.com/armor/detail.php?armor_id=616)

**Quantity:** One (1)

**Initial Cost:** \$190,000 per item

**Ongoing Costs:** Approximately \$1,000

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### **Item: Qinetiq Dragon Runner®**

**Description:** The Dragon Runner is hand carried and can be operated from over one hundred yards. It is primarily deployed during SWAT operations where it can be used to clear structures without putting personnel in danger.

**Link:** <https://www.qinetiq.com/en-us/what-we-do/services-and%20products/dragon-runner-small-and-compact-robot>

**Quantity:** Two (2)

**Initial Cost:** \$131,696 per item

**Ongoing Costs:** Approximately \$4,000

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**Item: Andros Spartan Explosive Ordnance Disposal Robot**

**Description:** The Andros Spartan is a heavy-duty robot used for multiple applications including examining, safe rendering, and moving of explosive ordnance. This robot allows for the examination of explosive devices from a safe distance and increases personal safety during hazardous incidents. The Andros Spartan is also capable of climbing stairs and lifting heavy objects, including conducting rescues of injured bomb technicians or bystanders.

**Link:** [https://www.peraton.com/wp-content/uploads/2020/10/2021\\_DS\\_PERATONREMOTEC\\_ANDROS\\_SPARTAN.pdf](https://www.peraton.com/wp-content/uploads/2020/10/2021_DS_PERATONREMOTEC_ANDROS_SPARTAN.pdf)

**Quantity:** One (1)  
**Initial Cost:** \$505,493 per item  
**Ongoing Costs:** Approximately \$2,000

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**Item: iRobot Pacbot®**

**Description:** The Pacbot is a mid-sized robot that is utilized during suspected improvised explosive device incidents where the larger-sized F6A robot cannot be used. The Pacbot has a lower lifting capability, but can be used to disrupt internal components of an explosive device and render it safe.

**Link:** <https://www.army-technology.com/projects/irobot-510-packbot-multi-mission-robot/>

**Quantity:** One (1)  
**Initial Cost:** \$120,255 per item  
**Ongoing Costs:** Approximately \$800

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**Item: iRobot First Look**

**Description:** The First Look allows for quick deployment and observation during critical incidents. It also serves as a radio repeater for the larger Pacbot robot.

**Link:** <https://www.army-technology.com/projects/irobot-110-firstlook-robot/>

**Quantity:** One (1)

**Initial Cost:** \$65,678 per item

**Ongoing Costs:** Approximately \$200

**Notes:** This is a like-kind replacement of an iRobot First Look, owned by the Department as of 2017 and included in the Department's 2022 and 2023 Annual Military Equipment Reports, that had burned in a fire in November of 2022

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**Item: Transcend Robotics Vantage Patrol Robot**

**Description:** The Vantage Patrol Robot allows for quick deployment and observation during critical incidents. It can be used to search the interior of structures to maximize the safety of responding personnel and can be used to communicate with subjects via its onboard speaker.

**Link:** <https://www.transcendrobotics.com/vantage>

**Quantity:** One (1)

**Initial Cost:** \$0 per item (acquired via a trade-in)

**Ongoing Costs:** Approximately \$1,000

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**Item: Transcend Robotics Mini Vantage Patrol Robot**

**Description:** The Mini Vantage Robot delivers the most capabilities for the price including 8-inch automatic obstacle climbing, 2-hour runtime with swappable batteries, and up to 250 foot communications NLOS.

**Link:** <https://www.transcendrobotics.com/mini-vantage>  
**Quantity:** One (1)  
**Initial Cost:** \$0 per item (acquired via a trade-in)  
**Ongoing Costs:** Approximately \$200

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**AUTHORIZED USE**

The above-listed robotics are used for a variety of tasks that would protect responding personnel and members of the public during dangerous tactical operations and calls for service for suspected explosive devices. These robotic devices are used in place of humans to search areas or structures and to examine, disable, or move explosive devices. Deployments are relegated to the Specialized Enforcement Division members who have completed required training from the Arson/Bomb Detail. The Bomb Squad Commander and/or Incident Commander will approve deployment of robotics.

**LIFESPAN**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of robotics, but the equipment has an estimated lifespan of approximately 10–25 years.

**FISCAL IMPACT**

Approximately \$9,200

### 3. **EXPLOSIVE BREACHING TOOLS**

Explosive breaching tools are used to conduct explosive breaches of doors, windows, walls, and other parts of structures so that safety personnel may enter. Explosive breaches are often necessary to minimize the risk of injury or death to persons and are utilized when other methods of breaching would be ineffective or more dangerous.

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#### **Item: Blasting Cap**

**Description:** A blasting cap or detonator initiates the detonation of a high explosive charge, such as detonation cord, by subjecting the larger, attached explosive to percussion via shock wave. Blasting caps are used to conduct render-safe procedures of suspected explosive devices and to initiate explosive breaches.

**Link:**

<https://www.dynonobel.com/practical-innovations/popular-products/blasting-caps>

**Quantity:**

Fifty Five (55)

**Initial Cost:**

\$10 per item

**Ongoing Costs:**

Approximately \$3,000

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#### **Item: 12-Gauge TKO Breaching Round**

**Description:** The 12-Gauge TKO shell is loaded with a compressed zinc slug, utilizing smokeless powder as a propellant. It is widely used to breach door locks or hinges for entry during tactical operations. When properly deployed, the TKO is capable of defeating door lock mechanisms, doorknobs, hinges, dead bolts, safety chains, and pad locks on both wooden and hollow core doors. Upon impact with the target, the zinc slug disintegrates into a fine powder, eliminating fragmentation.

**Link:**

<https://www.defense-technology.com/product/tko-12-gauge-breaching-round/>

**Quantity:**

Thirty (30)

**Initial Cost:**

\$6.55 per item

**Ongoing Costs:**

None

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**Item: TESAR-1 Orange Cap 275 Grain Copper Frangible**

**Description:** This 12-gauge shell has a compressed copper frangible slug and is used to breach door locks, doorknobs, hinges, safety chains, padlocks, and deadbolts on wooden and hollow doors for entry during tactical operations. The copper slug disintegrates into a fine powder upon impact, eliminating fragmentation.

**Link:** <https://royalarms.com/shop/orange-cap-275-gr-copper-frangible-12-round-box/>

**Quantity:** One Hundred Fifty (150)

**Initial Cost:** \$6.50 per item

**Ongoing Costs:** Approximately \$700

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**Item: Detonating Cord**

**Description:** Detonating cord is a flexible plastic tube that is filled with pentaerythritol tetranitrate. Detonating cord creates a blast wave that assists with defeating locking mechanisms.

**Link:** <https://www.ebad.com/primacord-detonating-cord/>

**Quantity:** One (1) roll (50 grain), one (1) roll (100 grain)

**Initial Cost:** \$437 per item

**Ongoing Costs:** Approximately \$2,000

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**AUTHORIZED USE**

The above-listed explosive breaching tools are used for a variety of tasks that would protect people during dangerous tactical operations and calls for service, including for barricaded suspects, high-risk search warrants, and hostage rescues. Deployments are relegated to operators who received training from the Arson/Bomb Detail, to include a 40-hour explosive breacher's course and bi-annual training on explosive operations. The Bomb Squad Commander and/or Incident Commander will approve use of an explosive breaching tool.

**LIFESPAN**

All explosive breaching equipment has an estimated lifespan of approximately 10 years.

**FISCAL IMPACT**

Approximately \$5,700

#### 4. LESS-LETHAL WEAPONS/MUNITIONS

Less-lethal weapons and munitions, such as those made of soft foam rubber, are used to minimize injury to suspects and safety members and are deployed as a means of force to stop threatening subjects from harming persons when other tools would be ineffective or more dangerous. They are also used as window breaching tools.

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**Item: Defense Technology® 40mm LMT™ Tactical Single Launcher, Expandable Stock**

**Description:** The 40mm Single Launcher is a single-shot launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

**Link:**

<https://www.defense-technology.com/product/40mm-lmt-tactical-single-launcher-expandable-stock/>

**Quantity:**

Twenty (20)

**Initial Cost:**

\$847 per item

**Ongoing Costs:**

Approximately \$500

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**Item: Penn Arms 40mm Pump Multi-Launcher**

**Description:** The 40mm Pump Multi-Launcher is a pump-action advance magazine drum launcher with a fixed stock and combo rail. It has multi-shot capacity and rifle barrel. This less-lethal munition launcher is used to train Department armorers and attendees of related training.

**Link:**

<https://www.combinedsystems.com/penn-arms-launchers-40mm-launchers/>

**Quantity:**

One (1)

**Initial Cost:**

\$1,000 per item

**Ongoing Costs:**

None

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**Item: Defense Technology® 40mm Tactical 4-shot Launcher**

**Description:** The 40mm 4-shot Launcher is a launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

**Link:** <https://www.defense-technology.com/product-category/4shot/>

**Quantity:** Five (5)  
**Initial Cost:** \$2,186 per item  
**Ongoing Costs:** Approximately \$500

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**Item: Defense Technology® 37mm LMT Tactical Single Launcher, Expandable Stock**

**Description:** The 37mm Tactical Single Launcher is a low-profile, lightweight launcher that features an expandable gun stock and an adjustable mounted front grip with light rail. It is used to deploy non-flammable chemical agents.

**Link:** <https://www.defense-technology.com/product/37mm-lmt-tactical-single-launcher-expandable-stock/>

**Quantity:** Two (2)  
**Initial Cost:** \$800 per item  
**Ongoing Costs:** None

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**Item: Defense Technology® 40mm Exact Impact Sponge, #6325**

**Description:** The Exact Impact Sponge is a less-lethal, 40mm light weight plastic and foam projectile deployed from a single- or multi-launcher with a rifled barrel, at 325 feet per second. The 30-gram foam projectile delivers 120 feet-pounds of energy on impact. The round provides accurate and effective performance when fired from the approved distance of not less than five feet and as far as 131 feet from the target.

**Link:** <https://www.defense-technology.com/product/exact-impact-40-mm-standard-range-sponge-round/>

**Quantity:** One hundred fourteen (114)

**Initial Cost:** \$25.44 per item

**Ongoing Costs:** Approximately \$2,000

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### **AUTHORIZED USE**

The above-listed less-lethal launchers and munitions are highly effective in disarming violent and/or armed suspects with minimal risk to subjects, safety members, and the public. Deployments are relegated to Specialized Enforcement Division members who received POST certified training in the deployment of these less-lethal weapons during Basic SWAT School training and annual training. The launchers in the Specialized Enforcement Division's inventory are utilized for in-service training, tactical operations, and fugitive apprehension operations.

### **LIFESPAN**

Less-lethal munitions have a recommended lifespan of 5 years. Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms, pneumatic launchers, and less-lethal launchers. If thoroughly maintained, pneumatic launchers should have a 4-6-year lifespan.

### **FISCAL IMPACT**

Approximately \$3,000

## 5. CHEMICAL AGENTS AND ACCESSORIES

Chemical agents, such as oleoresin capsicum (OC) and 2-chlorobenzalmalononitrile (CS), are used in volatile situations, such as a riot, where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to persons and property.

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### Item: Defense Technology® Flameless Expulsion CS Grenade, #2042

**Description:** This Flameless Expulsion Grenade is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It can be safely used inside of confined areas of approximately 1500 feet to deploy approximately 0.16 oz. of tear gas/2-chlorobenzalmalononitrile (CS).

**Link:**

<https://www.defense-technology.com/?s=2042>

**Quantity:**

One hundred seventy (170)

**Initial Cost:**

\$41 per item

**Ongoing Costs:**

None

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### Item: Defense Technology® Flameless Expulsion OC Grenade, #2040

**Description:** This Flameless Expulsion Grenade is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It can be safely used inside of confined areas of approximately 1500 feet to deploy approximately 0.02 oz. of pepper/oleoresin capsicum (OC) spray.

**Link:**

<https://defense-technology.com/?s=2040>

**Quantity:**

One hundred sixty-eight (168)

**Initial Cost:**

\$42 per item

**Ongoing Costs:**

None

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**Item: Defense Technology® Spede-Heat™ Continuous Discharge Chemical Grenade, CS, #1072**

**Description:** This Spede-Heat Grenade is a high volume, continuous burning launchable grenade that expels approximately 2.9 oz. of tear gas/2-chlorobenzalmalononitrile (CS) in approximately 20-40 seconds through eight ports on the canister.

**Link:**

<https://www.defense-technology.com/product/spede-heat-continuous-discharge-chemical-grenade-cs/>

**Quantity:**

Fifty-one (51)

**Initial Cost:**

\$38 per item

**Ongoing Costs:**

None

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**Item: Defense Technology® Spede-Heat™ Continuous Discharge Chemical Grenade, OC, #1070**

**Description:** This Spede-Heat Grenade is a high volume, continuous burning launchable grenade that expels approximately 1.09 oz. of pepper/oleoresin capsicum (OC) spray in approximately 20-40 seconds through eight ports on the canister.

**Link:**

<https://www.defense-technology.com/product/spede-heat-continuous-discharge-chemical-grenade-oc/>

**Quantity:**

Two (2)

**Initial Cost:**

\$38 per item

**Ongoing Costs:**

None

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**Item: Defense Technology® Pocket Tactical Grenade, CS, #1016**

**Description:** This Pocket Tactical Grenade is a small and lightweight launchable grenade that expels approximately 0.9 oz. of tear gas/2-chlorobenzalmalononitrile (CS). It is normally used as a signaling or covering device.

**Link:** <https://www.defense-technology.com/product/pocket-tactical-grenade-cs/>

**Quantity:** Two hundred ninety-two (292)

**Initial Cost:** \$29 per item

**Ongoing Costs:** None

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**Item: Defense Technology® Riot Control Continuous Discharge Grenade, CS, #1082**

**Description:** This Riot Control Grenade is a high volume, continuous burning launchable grenade that expels approximately 2.7 oz. of tear gas/2-chlorobenzalmalononitrile (CS) in approximately 20-40 seconds through four ports on the canister.

**Link:** <https://www.defense-technology.com/product/riot-control-continuous-discharge-grenade-cs/>

**Quantity:** One hundred forty-seven (147)

**Initial Cost:** \$40 per item

**Ongoing Costs:** None

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**Item: Combined Systems, Inc. CS Baffled Canister Grenade, Pyro, Low Flame Potential, #5230B**

**Description:** The CS Baffled Canister Grenade, Pyro, Low Flame Potential is an indoor-use, launchable pyrotechnic grenade that delivers 1.4 grams of tear gas/2-chlorobenzalmalononitrile (CS) throughout multiple rooms in approximately 20-40 seconds with minimal risk of fire.

**Link:**

<https://www.combinedsystems.com/product/5230b-cs-baffled-canister-grenade-pyro-low-flame-potential-2/>

**Quantity:**

One hundred twenty-six (126)

**Initial Cost:**

\$39 per item

**Ongoing Costs:**

None

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**Item: Combined Systems, Inc. 40mm CS Powder Barricade, Spin Stabilized, 4.1" Long Penetrating Munition, #4431**

**Description:** The 40mm CS Powder Barricade Penetrating Munition is a tear gas/2-chlorobenzalmalononitrile (CS) powder-filled projectile that penetrates intermediate barriers and delivers approximately 1.4 grams of tear gas powder into adjacent rooms.

**Link:**

<https://www.combinedsystems.com/product/4431-40mm-cs-powder-barricade-spin-stabilized-4-8-long-special-shipping-call-for-details/>

**Quantity:**

One hundred seventy-three (173)

**Initial Cost:**

\$17 per item

**Ongoing Costs:**

None

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**Item: Combined Systems, Inc. LC5 Launching Cup, #LC5**

**Description:** The LC5 launching cup can be attached to most 12-gauge shotguns to enable them to launch smaller-sized grenades, such as those containing tear gas/2-chlorobenzalmalononitrile (CS).

**Link:** <https://www.combinedsystems.com/product/lc5-and-lc6-launching-cups/>

**Quantity:** Five (5)

**Initial Cost:** \$166 per item

**Ongoing Costs:** None

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**Item: Defense Technology® 12-Gauge Muzzle Bang/Launching Cartridge Round, #1210**

**Description:** The 12-gauge Muzzle Bang/Launching Cartridge is used to launch chemical munitions from a 12-gauge shotgun.

**Link:** <https://www.defense-technology.com/product/12-gauge-muzzle-bang-launching-cartridge-round/>

**Quantity:** Eighty (80)

**Initial Cost:** \$5 per item

**Ongoing Costs:** None

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**Item: CTS Combined Systems 12-Gauge Muzzle Bang/Launching Cartridge Round, #2600**

**Description:** The 12-gauge Muzzle Bang/Launching Cartridge is used to launch chemical munitions from a 12-gauge shotgun.

**Link:** <https://www.combinedsystems.com/product/2600-12ga-launching-cartridge/>

**Quantity:** One hundred sixty (160)

**Initial Cost:** \$7 per item

**Ongoing Costs:** None

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### **AUTHORIZED USE**

The above-listed chemical agents and accessories are infrequently used but are highly effective in quelling combative subjects/situations while mitigating serious injury to the involved parties. Deployments are relegated to POST certified safety members who have completed chemical agents training and are assigned to the Specialized Enforcement Division. The SWAT Commander must approve the use of chemical agents.

### **LIFESPAN**

Chemical agent devices have a recommended lifespan of 5 years.

### **FISCAL IMPACT**

None

**6. FIREARMS/MUNITIONS**

*.50 caliber weapons are used by the Arson/Bomb Detail or SWAT, often as a last resort, to disrupt vehicle borne threats toward the public, such as a semi-truck being purposefully driven into a crowd of people, or an armored bulldozer being used to terrorize a community. They are also used to disable barriers, such as thick glass, steel, and unexploded military munitions.*

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**Item: Barrett .50 Caliber M107A1®**

**Description:** The M107A1 is a semi-automatic rifle that is used to disrupt vehicle borne threats by disabling vehicles.

**Link:** <https://barrett.net/products/firearms/m107a1/>  
**Quantity:** Two (2)  
**Initial Cost:** \$10,000 per item  
**Ongoing Costs:** Approximately \$200

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**Item: Hornady .50 Caliber 750gr A-MAX® Match™, #8270**

**Description:** The .50 Caliber 750gr A-MAX ammunition is used to disrupt vehicles or penetrate barriers.

**Link:** <https://www.hornady.com/ammunition/rifle/50-bmg-750-gr-a-max-match#!/>  
**Quantity:** One thousand three hundred forty-three (1,343)  
**Initial Cost:** \$7 per item (blended cost)  
**Ongoing Costs:** None  
**Notes:** The quantity reflects an additional box of 100 rounds located in 2024 that was previously unaccounted for in the Department's 2024 Annual Military Equipment Report

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**Item: Ruag Swiss P .50 Caliber 960gr Armor Piercing Rounds**

**Description:** The .50 Caliber 960gr Armor Piercing Rounds are used to disrupt vehicles or penetrate barriers.

**Link:** <https://rampartcorp.com/brand/swiss-p/>  
**Quantity:** Ten (10)  
**Initial Cost:** \$5 per item  
**Ongoing Costs:** None

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**Item: E.D.M. Arms Windrunner M96 .50 Caliber BMG Rifle**

**Description:** The Windrunner .50 Caliber is a semi-automatic rifle that is used to disrupt improvised explosive devices from a long distance.

**Link:** [Unavailable](#)  
**Quantity:** One (1)  
**Initial Cost:** \$7,003 per item  
**Ongoing Costs:** Approximately \$100

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**AUTHORIZED USE**

The above-listed .50-caliber rifles and munitions offer increased precision at long range distances, with the ability to accurately penetrate unconventional barriers in severe critical incidents. The .50-caliber rifles in the Specialized Enforcement Division's inventory are utilized for specialized in-service training and tactical operations. Deployments are relegated to Department members who have completed POST certified training for large caliber/large bore weapon systems.

**LIFESPAN**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years. Munitions have a typical lifespan of five years.

**FISCAL IMPACT**

Approximately \$300

## 7. DISTRACTION DEVICES

*Distraction devices are used to distract and disorient dangerous suspects during deliberate hostage rescues, high-risk building entries, and other circumstances where a danger to life exists, and are deployed when other methods of control or apprehension would be more dangerous. Distraction devices produce atmospheric over-pressure and brilliant white light; as a result, they can cause short-term (6–8 seconds) physiological/psychological sensory deprivation.*

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**Item:** Combined Systems, Inc. Flash-Bang, Aluminum Body, 9 Bang™, #7290-9

**Description:** The 9 Bang is a non-bursting, non-fragmenting, multi-bang Light Sound Diversionary Device that produces nine separate audible sounds accompanied by intense bright light. It is ideal for distracting dangerous suspects during room entries or other high-risk arrest situations.

**Link:**

<https://www.combinedsystems.com/product/7290-9-flash-bang-aluminum-body-9-bang-priced-individually-must-order-in-quantities-of-12/>

**Quantity:**

Four (4)

**Initial Cost:**

\$109 per item

**Ongoing Costs:**

Approximately \$1,000

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**Item:** Combined Systems, Inc. Mini-Bang®, Steel Body, #7290M

**Description:** The Steel Body Mini-Bang is a non-bursting, non-fragmenting, multi-bang Light Sound Diversionary Device that produces a single audible sound accompanied by intense bright light. It is ideal for distracting dangerous suspects during room entries or other high-risk arrest situations.

**Link:**

<https://www.combinedsystems.com/product/7290m-mini-bang-steel-body-priced-individually-must-order-in-quantities-of-12/>

**Quantity:**

One hundred thirty-two (132)

**Initial Cost:**

\$49 per item (blended cost)

**Ongoing Costs:**

Approximately \$3,000

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## AUTHORIZED USE

The above-listed distraction devices are used for a variety of tasks that would protect responding personnel and members of the public during dangerous tactical operations and calls for service, including for barricaded suspects, high-risk search warrants, and hostage rescues. Deployments are relegated to operators who received training and qualification, to include 120-hour POST Certified SWAT School. The onsite supervisor will approve the use of a distractoin device.

## LIFESPAN

All distraction devices have an estimated lifespan of approximately 5 years.

## FISCAL IMPACT

Approximately \$4,000

## 8. ARMORED RESCUE VEHICLES

*Armored rescue vehicles are all-terrain vehicles with exterior armor capable of protecting safety members while they are conducting rescue and SWAT operations. The vehicles are used to prevent higher levels of force during insertion and extraction operation deployments. Armored rescue vehicle deployment is often necessary in circumstances where a danger to life exists, such as during hostage rescues and high-risk search warrants, and where other methods of transport would be ineffective or more dangerous.*

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**Item: 2004 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)**

**Description:** The Lenco BEARCAT is a small, armored rescue vehicle capable of protecting approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

<b>Link:</b>	<a href="https://www.lencoarmor.com/police-government/">https://www.lencoarmor.com/police-government/</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$143,286 per item
<b>Ongoing Costs:</b>	Approximately \$4,000

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**Item: 2006 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)**

**Description:** The Lenco BEARCAT is a small, armored rescue vehicle capable of protecting approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

**Link:**

<https://www.lencoarmor.com/police-government/>

**Quantity:**

One (1)

**Initial Cost:**

\$203,352 per item

**Ongoing Costs:**

Approximately \$12,600

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**Item: 2006 Lenco Ballistic Engineered Armored Response Vehicle (BEAR)**

**Description:** The Lenco Armored Response Vehicle is a large, armored rescue vehicle capable of protecting approximately 12 people while conducting rescue operations, SWAT operations, and high-risk search warrants.

**Link:**

<https://www.lencoarmor.com/police-government/>

**Quantity:**

One (1)

**Initial Cost:**

\$279,955 per item

**Ongoing Costs:**

Approximately \$11,800

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**Item: 1980 Cadillac Gage Ranger (Peacekeeper) Armored Personnel Carrier**

**Description:** The Chrysler Peacekeepers are small, armored rescue vehicles capable of protecting around five people while conducting rescue operations. They are no longer used and were placed into storage in a County yard pending final disposition. The vehicles were obtained from the United States Defense Logistics Agency/California Office of Emergency Services Law Enforcement Support Office (LESO) Program.

**Link:** [Unavailable](#)  
**Quantity:** Two (2)  
**Initial Cost:** \$0 per item  
**Ongoing Costs:** None

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**Item: 2021 G3 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)**

**Description:** The G3 Lenco BEARCAT is a 4-wheel drive, offroad capable, small, armored rescue vehicle. It can protect approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

**Link:** <https://www.lencoarmor.com/police-government/>  
**Quantity:** One (1)  
**Initial Cost:** \$356,000 per item  
**Ongoing Costs:** Approximately \$5,200

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**AUTHORIZED USE**

The above-listed armored rescue vehicles are used for safe transport of personnel to critical incidents such as barricaded subjects, high-risk search warrants, and hostage rescues, and are deployed to transport civilians in rescue operations. Deployments are relegated to SWAT members of the Specialized Enforcement Division who have a current and appropriate driver's license.

**LIFESPAN**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of armored rescue vehicles, but the equipment has an estimated lifespan of approximately 15 years.

**FISCAL IMPACT**

Approximately \$33,600



## 9. TRACKED ARMORED VEHICLES

The Tactical Tractor is a small tracked commercial skid steer tractor with exterior armor capable of protecting the driver. The Tactical Tractor is equipped with an arm and claw attachment that allows the operator to breach doors and windows and to move obstacles reducing the risk of injury to SWAT operators, the public, and suspects. The Tactical Tractor can also be utilized to deploy chemical agents in a safe and effective manner, reducing the risk of injury and property damage. The use of the Tactical Tractor during high-risk search warrant service, barricaded suspect response, and in circumstances where breaching and chemical agent deployments are necessary has been shown to reduce risks for all involved.

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### Item: Caterpillar/EZSPOTR Tactical Tractor

**Description:** Armored tactical tractor used to port doors and windows, remove heavy objects, and provide mobile cover during tactical operations.

<b>Link:</b>	<a href="https://ezspotur.com/prod_tactical.php">https://ezspotur.com/prod_tactical.php</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$82,945 per item
<b>Ongoing Costs:</b>	Approximately \$3,200

---

### AUTHORIZED USE

The Tactical Tractor is used for breaching operations, obstacle removal, chemical agent deployment, and to protect the occupant and those around the vehicle. Deployments are relegated to members of the Specialized Enforcement Division who have been trained to operate the Tactical Tractor.

### LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of tactical tractors, but the equipment has an estimated lifespan of approximately 15 years.

### FISCAL IMPACT

Approximately \$3,200

## 10. **MOBILE COMMAND POST**

*The mobile command post is a large vehicle used to house specialty equipment and create an area in which the SWAT Commander and supervisors can plan and coordinate tactical operations.*

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**Item:** 2014 KME/Kovatch PREDATOR 100' S2D Command Vehicle

**Description:** The KME/Kovatch is a tactical command post used to house equipment, working areas, and tactical dispatchers, and to provide a mobile area for command personnel to conduct operations.

**Link:** <https://kmefire.com/product-category/predator>  
**Quantity:** One (1)  
**Initial Cost:** \$623,485 per item  
**Ongoing Costs:** Approximately \$5,400

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### **AUTHORIZED USE**

The above-listed command post vehicle is used for tactical planning, coordinating evacuations, and in circumstances where crisis negotiators and tactical dispatchers need to communicate with responding personnel during critical incidents. Deployments are relegated to SWAT members of the Specialized Enforcement Division and the Perimeter Containment Team who have current Class A or B driver licenses.

### **LIFESPAN**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

### **FISCAL IMPACT**

Approximately \$5,400

## **B. PERSONNEL/TRAINING SERVICES BUREAU**

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The Sheriff's Personnel/Training Services Bureau assigns and tracks all Department-owned armament and safety equipment. It is also responsible for maintaining surplus and/or replacement armament in its inventory. Armament includes large bore rifles, small caliber rifles, and pistols, in select-fire and semi-automatic variants. The following firearms are in the Personnel/Training Services Bureau's inventory and can be displayed during community events held at the Department.

### **1. RIFLES**

*The Department's .50 caliber, select-fire, and semi-automatic rifles are maintained in the Personnel/Training Services Bureau's inventory and generally serve as training aids to ensure safety members are aware of potential firearms they may encounter and locate in the field. Additionally, there is a crucial need for staff to understand the functionality and capabilities of these firearms for instructional and/or instructor certification purposes and for judicial proceedings.*

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#### **Item: Browning .50 Caliber M2 Machine Gun**

**Description:** The Browning .50 Caliber M2 is an automatic rifle that is designed to disrupt vehicle borne threats by disabling key mechanical components. This rifle is used to train Department armorers and attendees of related training.

**Link:**

[https://nihonkoku-shoukan.fandom.com/wiki/M2\\_Browning\\_12.7\\_mm\\_Heavy\\_Machine\\_Gun](https://nihonkoku-shoukan.fandom.com/wiki/M2_Browning_12.7_mm_Heavy_Machine_Gun)

**Quantity:**

One (1)

**Initial Cost:**

\$0 per item (acquired via court order)

**Ongoing Costs:**

Approximately \$100

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**Item: TNW Firearms .50 Caliber M2 Rifle**

**Description:** The TNW Firearms .50 Caliber M2 is a semi-automatic rifle that is designed to disrupt vehicle borne threats by disabling key mechanical components. This rifle is used to train Department armorers and attendees of related training.

**Link:**

<https://www.rockislandauction.com/detail/83/498/tnw-m2-heavy-barrel-semiautomatic-50-bmg-rifle>

**Quantity:**

One (1)

**Initial Cost:**

\$9,200 per item

**Ongoing Costs:**

Approximately \$100

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**Item: Barrett .50 Caliber M82A1 Rifle**

**Description:** The M82A1 is a semi-automatic rifle that is designed to disrupt vehicle borne threats by disabling key mechanical components. This rifle is used to train Department armorers and attendees of related training and is held in reserve for the Specialized Enforcement Division's needs.

**Link:**

<https://barrett.net/products/firearms/model-82a1/>

**Quantity:**

One (1)

**Initial Cost:**

\$10,200 per item

**Ongoing Costs:**

Approximately \$100

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**Item: Norinco AK-47 Style Rifle**

**Description:** The Norinco AK-47 Style Rifle, chambered in 7.62 x 39mm, is a semi- automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

**Link:** [Unavailable](#)  
**Quantity:** One (1)  
**Initial Cost:** \$0 per item (acquired via court order)  
**Ongoing Costs:** Approximately \$100

---



**Item: Armalite AR-10® Rifle**

**Description:** The Armalite AR-10, chambered in 7.62 x 39mm, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

**Link:** [Unavailable](#)  
**Quantity:** One (1)  
**Initial Cost:** \$1,800 per item  
**Ongoing Costs:** Approximately \$100

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**Item: Colt R6830 Rifle**

**Description:** The R6830, chambered in 7.62 x 39mm, is a semi-automatic rifle designed to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

**Link:** [Unavailable](#)  
**Quantity:** One (1)  
**Initial Cost:** \$2,000 per item  
**Ongoing Costs:** Approximately \$100

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**Item: FN Herstal FNC Sporter Rifle**

**Description:** The FNC Sporter, chambered in 5.56 x 45mm, is a semi-automatic rifle that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

**Link:** [Unavailable](#)  
**Quantity:** One (1)  
**Initial Cost:** \$0 per item (acquired via court order)  
**Ongoing Costs:** Approximately \$50

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**Item: Heckler & Koch HK416D Rifle**

**Description:** The HK416D, chambered in 5.56 x 45mm, is a select-fire rifle capable of cyclic intervals that is designed for short to medium range engagements. This rifle is used to train Department armorers and attendees of related training.

**Link:** [Unavailable](#)  
**Quantity:** Two (2)  
**Initial Cost:** \$0 per item (acquired via court order)  
**Ongoing Costs:** Approximately \$100

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**Item: Russian AK-47 Style Rifle**

**Description:** The Russian AK-47 Style Rifle, chambered in 7.62 x 39mm, is a select-fire rifle capable of cyclic intervals that is used to address longer range engagements with a heavier round than traditional small arms rifles. This rifle is used to train Department armorers and attendees of related training.

**Link:** [Unavailable](#)  
**Quantity:** One (1)  
**Initial Cost:** \$0 per item (acquired via court order)  
**Ongoing Costs:** Approximately \$50

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**AUTHORIZED USE**

The above-listed rifles in the Personnel/Training Services Bureau's inventory are utilized for in-service training, judicial purposes, and public demonstrations, but are functionally sound if warranted for field use. Some hold significant historical value. Depending on the rifle, use is relegated to Department members who have completed the appropriate POST certified training, trainees who are garnering POST certification, and/or POST certified firearms instructors.

**LIFESPAN**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years.

**FISCAL IMPACT**

Approximately \$750

## 2. SUBMACHINE GUNS

*These firearms generally serve as training aids to ensure safety members are aware of similar firearms they may locate or encounter in the field. Additionally, there is a crucial need for staff to understand the functions and capabilities of these firearms for instructional purposes, instructor certification, and judicial proceedings.*

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### Item: Auto Ordnance Thompson Variant Submachine Gun

**Description:** The Thompson Variant Submachine Gun, chambered in .45 caliber, is a select-fire pistol submachine gun that is designed for short range engagements. This firearm is used to train Department armorers and attendees of related training.

<b>Link:</b>	<a href="#">Unavailable</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$0 per item (acquired via court order)
<b>Ongoing Costs:</b>	Approximately \$200

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### Item: Heckler & Koch MP5

**Description:** The Heckler & Koch MP5, chambered in 9mm, is a select-fire pistol submachine gun that is designed for short range engagements. This firearm is used to train Department armorers and attendees of related training.

<b>Link:</b>	<a href="https://hk-usa.com/product/mp5a3/">https://hk-usa.com/product/mp5a3/</a>
<b>Quantity:</b>	Twenty (20)

<b>Initial Cost:</b>	Approximately \$2,450 per item
<b>Ongoing Costs:</b>	Approximately \$1,200
<b>Notes:</b>	The Department's Heckler & Koch MP5s were originally standard issue service weapons for the Specialized Enforcement Division but have since been reallocated to the Personnel/Training Services Bureau



## AUTHORIZED USE

Though rarely fired, the above-listed submachine guns are generally utilized for in-service training, judicial purposes, and public demonstrations, and they hold significant historical value. Use is relegated to Department members who have completed the appropriate POST certified training, trainees who are garnering POST certification, and/or POST certified firearms instructors.

## LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum lifespan of 10 years.

## FISCAL IMPACT

Approximately \$250

### 3. **LESS-LETHAL WEAPONS/MUNITIONS**

*Less-lethal weapons and munitions, such as those made of soft foam rubber, are used to minimize injury to suspects and safety members and are deployed as a means of force to stop threatening subjects from harming persons when other tools would be ineffective or more dangerous. They are also used as window breaching tools. Less lethal weapons/munitions are necessary at the Personnel/Training Services Bureau regarding annual instructor certification for those in the Training Division who facilitate initial and refresher topical training.*

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#### **Item: Pepperball® FTC™ Pneumatic Launcher**

**Description:** The FTC Pneumatic Launcher deploys .68 caliber less-lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet. This less-lethal munition launcher is used to train Department armorers and attendees of related training.

<b>Link:</b>	<a href="https://pepperball.com/launchers/ftc-1/">https://pepperball.com/launchers/ftc-1/</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$600 per item
<b>Ongoing Costs:</b>	Approximately \$50

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**Item: Tippmann SA200 Pneumatic Launcher**

**Description:** The SA200 Pneumatic Launcher deploys .68 caliber less-lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet. This less-lethal munition launcher is used to train Department armorers and attendees of related training.

**Link:** <https://www.pbpartsdepot.com/sa200kits.html>  
**Quantity:** Four (4)  
**Initial Cost:** \$140 per item  
**Ongoing Costs:** Approximately \$200

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**Item: Tippmann FT12L Pneumatic Launcher**

**Description:** The FT12L Pneumatic Launcher deploys .68 caliber less-lethal irritant projectiles reliably and accurately with a flexible air source configuration, up to 150 feet.

**Link:** <https://www.pbsports.com/products/tippmann-ft-12-paintball-gun>  
**Quantity:** Ninety (90)  
**Initial Cost:** \$297 per item (blended cost)  
**Ongoing Costs:** Approximately \$4,500

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**Item: Remington 870 12-Gauge Stun-Bag Shotgun**

**Description:** The Stun-Bag shotgun uses a less-lethal “bean bag” round that is designed to be launched from a distinctively marked conventional shotgun.

**Link:** <https://www.remarms.com/shotguns/pump-action/model-870/>

**Quantity:** Six hundred thirty-seven (637)

**Initial Cost:** \$670 per item

**Ongoing Costs:** Approximately \$31,850

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**Item: Defense Technology® 40mm LMT™ Tactical Single Launcher, Expandable Stock**

**Description:** The 40mm Single Launcher is a single-shot launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

**Link:** <https://www.defense-technology.com/product/40mm-lmt-tactical-single-launcher-expandable-stock/>

**Quantity:** Fifteen (15)

**Initial Cost:** \$847 per item

**Ongoing Costs:** Approximately \$12,000

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**Item: Defense Technology® 40mm Tactical 4-shot Launcher**

**Description:** The 40mm 4-shot Launcher is a launcher that features an expandable gun stock and an adjustable grip with light rail. It fires standard 40mm less-lethal rounds up to 131 feet.

**Link:**

<https://www.defense-technology.com/product-category/4shot/>

**Quantity:**

Forty-Eight (48)

**Initial Cost:**

\$2,186 per item

**Ongoing Costs:**

Approximately \$20,000

**Notes:**

An additional launcher previously unaccounted for was located

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**Item: Defense Technology® 40mm Exact Impact Sponge, #6325**

**Description:** The Exact Impact Sponge is a less-lethal, 40mm light weight plastic and foam projectile deployed from a single- or multi-launcher with a rifled barrel, at 325 feet per second. The 30-gram foam projectile delivers 120 feet-pounds of energy on impact. The round provides accurate and effective performance when fired from the approved distance of not less than five feet and as far as 131 feet from the target.

**Link:**

<https://www.defense-technology.com/product/exact-impact-40-mm-standard-range-sponge-round/>

**Quantity:**

Three thousand three hundred seventy-eight (3,378)

**Initial Cost:**

\$21 per item

**Ongoing Costs:**

None

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**Item: Defense Technology® 12-Gauge Drag Stabilized Round**

**Description:** The 12-Gauge Drag Stabilized Round is comprised of a translucent 12-gauge shell loaded with a 40 gram, tear shaped bag made from a cotton and ballistic material blend and filled with #9 shot. This design utilizes four stabilizing tails. The round utilizes smokeless powder as the propellant.

**Link:**

<https://www.defense-technology.com/product/drag-stabilized-12-gauge-bean-bag-round/>

**Quantity:**

One thousand four hundred twenty-five (1,425)

**Initial Cost:**

\$5 per item

**Ongoing Costs:**

None

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**Item: Defense Technology® 12-Gauge Fin Stabilized Round**

**Description:** The 12-Gauge Fin Stabilized Round is a translucent 12-gauge shell loaded with a 5.8 gram finned rubber sabot that utilizes smokeless powder as the propellant. It is generally considered a low-to-medium pain compliance round for close range deployment, and is often used for crowd routing. It has a velocity of 500 feet per second and is most suitable for moderate ranges with a maximum effective range of approximately 35 feet.

**Link:**

<https://www.defense-technology.com/product/fin-stabilized-12-gauge-round/>

**Quantity:**

Two hundred seventy (270)

**Initial Cost:**

\$5.45 per item

**Ongoing Costs:**

None

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## AUTHORIZED USE

The above-listed less-lethal weapons and munitions are issued to specialized teams/units, patrol, and corrections operations. They have been highly effective in disarming violent and/or armed suspects with minimal risk to others. All safety members receive POST certified training regarding the deployment of these less-lethal weapons during their Basic Academy training and annually. Those in the Personnel/Training Services Bureau's inventory are utilized for in-service training, judicial purposes, public demonstrations, and for issuance to stations/divisions.

## LIFESPAN

Less-lethal munitions have a recommended lifespan of 5 years. Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of firearms, pneumatic launchers, and less-lethal launchers. If thoroughly maintained, pneumatic launchers should have a 4–6-year lifespan.

## FISCAL IMPACT

Approximately \$68,600

## 4. CHEMICAL AGENTS

*Chemical agents, such as oleoresin capsicum (OC) and 2-chlorobenzalmalononitrile (CS), are used in volatile situations, such as a riot, where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to persons and property. Chemical agents are necessary at the Personnel/Training Services Bureau regarding annual instructor certification for those safety members assigned to the Training Division who facilitate initial and refresher topical training.*

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**Item: Defense Technology® Spede-Heat™ Continuous Discharge Chemical Grenade, CS, #1072**

**Description:** This Spede-Heat Grenade is a high volume, continuous burning launchable grenade that expels approximately 2.9 oz. of tear gas/2-chlorobenzalmalononitrile (CS) in approximately 20-40 seconds through eight ports on the canister.

**Link:** <https://www.defense-technology.com/product/spede-heat-continuous-discharge-chemical-grenade-cs/>

**Quantity:** Three (3)

**Initial Cost:** \$38 per item

**Ongoing Costs:** None

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**Item: Duke Defense USA OC2 Projectiles**

**Description:** Each .68 caliber frangible OC2 projectile, when deployed from a pneumatic launcher, delivers an approximate 3-gram powdered irritant of pepper/oleoresin capsicum (OC) and incapacitant (PAVA) sprays upon contact.

**Link:** <https://www.dukedefence.com/product/duke-standard-irritant-projectiles/>

**Quantity:** Three thousand six hundred (3,600)

**Initial Cost:** \$1.91 per item (blended cost)

**Ongoing Costs:** Approximately \$36,000

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**AUTHORIZED USE**

The above-listed chemical agents are highly effective in quelling combative subjects/situations while mitigating serious injury to the involved parties. Deployments are relegated to POST certified safety members who have completed chemical agents training on the respective oleoresin capsicum (OC) and/or 2-chlorobenzalmalononitrile (CS).

**LIFESPAN**

Chemical agent devices have a recommended lifespan of 5 years.

**FISCAL IMPACT**

Approximately \$36,000

## 5. DISTRACTION DEVICES

*Distraction devices are used in volatile situations, such as riots, where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to persons and property. The devices are necessary at the Personnel/Training Services Bureau for annual instructor certification for safety members assigned to the Training Division who facilitate initial and refresher topical training.*

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**Item: Defense Technology® Stinger® 32 Caliber Rubber Ball Grenade, #1090**

**Description:** The Stinger 32 Caliber is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. It is widely used as a crowd management tool by law enforcement and corrections personnel. The grenade has an initial 1.5 second delay that initiates fuze assembly separation, followed by another .5 second delay before the blast, which is sufficient to project the rubber balls in a 50-foot radius.

**Link:** <https://www.defense-technology.com/product/stinger-32-caliber-rubber-ball-grenade/>

**Quantity:** Fifty (50)

**Initial Cost:** \$52 per item (blended cost)

**Ongoing Costs:** None

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**Item: Defense Technology® Stinger Rubber Ball Grenade, OC, #1089**

**Description:** The Stinger OC is a maximum effect device that delivers four stimuli for psychological and physiological effects: rubber pellets, light, sound, and pepper/oleoresin capsicum (OC) spray. It is widely used as a crowd management tool by law enforcement and corrections personnel. The grenade has an initial 1.5 second delay that initiates fuse assembly separation, followed by another .5 second delay before the blast, which is sufficient to project the rubber balls in a 50-foot radius.

**Link:** <https://www.defense-technology.com/product/stinger-rubber-ball-grenade-oc/>

**Quantity:** Seventy (70)

**Initial Cost:** \$54 per item (blended cost)

**Ongoing Costs:** Approximately \$2,200

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**Item: Enola Gaye Flash Grenade 3.0**

**Description:** The Enola Gaye Flash 3.0 delivers a low frequency boom that, while loud, is not uncomfortable. It produces a significant white flash that is ideal for low light conditions.

**Link:** <https://enolagaye.com/products/flash-grenade-3/>  
**Quantity:** Three hundred fifty (350)  
**Initial Cost:** \$9 per item  
**Ongoing Costs:** Approximately \$2,000

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**Item: Defense Technology® Rubber Ball Blast with Safety Clip, Inert, #1098SC**

**Description:** The Inert Rubber Blast Ball Grenade with Safety Clip is effective in both training and custodial and crowd management situations. It simulates the dispersion of a Blast Ball but without the actual chemical exposure.

**Link:** <https://www.defense-technology.com/product/rubber-ball-blast-w-safety-clip-inert/>  
**Quantity:** Two hundred (200)  
**Initial Cost:** \$40 per item  
**Ongoing Costs:** Approximately \$1,800

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**AUTHORIZED USE**

The above-listed distraction devices are utilized by the Specialized Enforcement Division and the Detentions and Corrections Bureau for in-service training, tactical operations, and judicial purposes. All Department safety members receive POST certified training to utilize these devices in the Basic Academy. Distraction devices are highly effective in quelling combative subjects/situations while mitigating serious injury to the involved parties.

**LIFESPAN**

Distraction devices have a recommended lifespan of 5 years.

**FISCAL IMPACT**

Approximately \$6,000

## C. EMERGENCY OPERATIONS DIVISION

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The Emergency Operations Division includes the Department's Aviation and Mobile Field Force Units. The Aviation Unit is the lead aerial law enforcement division for the County. The Aviation Unit provides general law enforcement support, narcotics surveillance, personnel/cargo transport, airborne photography, search and rescue operations, wild land fire suppression, and emergency medical transport services. The Mobile Field Force Unit is designed to respond rapidly and effectively to large-scale public order events, protests, and other high-risk situations, and is crucial in maintaining peace and security, particularly in situations requiring organized, strategic crowd management, disaster response, or critical incident intervention.

### 1. AIRCRAFT

*The Department's aircraft are primarily used over San Bernardino County's 20,000 square miles to transport County personnel, perform hundreds of search and rescue missions, assist patrol operations, and provide medical attention to the remote areas of the County.*

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#### Item: Bell UH-1H Helicopter

**Description:** The UH-1H is a medium lift helicopter that is primarily used for air rescue operations, medical transports, marijuana eradication, deployment and extraction of SWAT personnel, aerial firefighting, and public static displays. These aircraft have been "civilianized" and were obtained through the California Office of Emergency Services (Cal-OES) Law Enforcement Support Office (LESO) DRMO/1033 military surplus program.

**Link:**

[Unavailable](#)

**Quantity:**

Two (2)

**Initial Cost:**

\$0 per item

**Ongoing Costs:**

While the exact annual maintenance cost varies based on replacement part needs, the operating costs are approximately \$3,213/hour, and \$265,233.15/year.

**Notes:**

The Department's 1969 (FAA Registration Number N308SB) helicopter is scheduled to be returned to the Defense Reutilization and Marketing Office in the spring/summer of 2025

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**Item: Beechcraft, King Air C-12 A/C Airplane**

**Description:** The King Air is a seven passenger plus two crew, twin engine, turbo propeller airplane used for extraditions, transportation of Department personnel conducting criminal investigations, and transportation of Department and County personnel conducting facility inspections and attending governmental meetings in and out of the County. These aircraft have been "civilianized" and were obtained through the California Office of Emergency Services (Cal-OES) Law Enforcement Support Office (LESO) DRMO/1033 military surplus program.

<b>Link:</b>	<a href="#">Unavailable</a>
<b>Quantity:</b>	Two (2)
<b>Initial Cost:</b>	\$0 per item
<b>Ongoing Costs:</b>	While the exact annual maintenance cost varies based on replacement part needs, the operating costs are approximately \$2,059/hour, and \$208,988.50/year.

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**AUTHORIZED USE**

The above-listed aircraft are primarily used for purposes including general law enforcement support, narcotics surveillance, personnel/cargo transport, airborne photography, search and rescue operations, wild land fire suppression, emergency medical transport services, and facility inspections. The aircraft are piloted by Federal Aviation Administration (FAA) certificated personnel by aircraft type and rating. Supervisorial approval from the Emergency Operations Division is necessary prior to the scheduling of flights pertaining to these aircraft.

**LIFESPAN**

The lifespan of Departmental aircraft varies. The two helicopters listed above are 1969 (FAA Registration Number N308SB) and 1971 (FAA Registration Number N306SB) airframe models. The two fixed wing airplanes are 1975 (FAA Registration Number N214SB) and 1976 (FAA Registration Number N40SB) airframe models. While the age of the listed aircraft seems older, the components used to fly them are current and within FAA standards.

**FISCAL IMPACT**

The exact annual maintenance cost varies based on replacement part needs. Approximately \$739,454.80.

## 2. LESS-LETHAL MUNITIONS

Less-lethal munitions, such as those made of soft foam rubber, are used to minimize injury to suspects and safety members and are deployed as a means of force to stop threatening subjects from harming persons when other tools would be ineffective or more dangerous. They are also used as window breaching tools.

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**Item: Defense Technology® 40mm Exact Impact Sponge, #6325**

**Description:** The Exact Impact Sponge is a less-lethal, 40mm light weight plastic and foam projectile deployed from a single- or multi-launcher with a rifled barrel, at 325 feet per second. The 30-gram foam projectile delivers 120 feet-pounds of energy on impact. The round provides accurate and effective performance when fired from the approved distance of not less than five feet and as far as 131 feet from the target.

**Link:**

<https://www.defense-technology.com/product/exact-impact-40-mm-standard-range-sponge-round/>

**Quantity:**

One hundred seventy-six (176)

**Initial Cost:**

\$21 per item

**Ongoing Costs:**

Approximately \$10,000

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**Item: Defense Technology® 40mm Exact Impact LE Extended Range Sponge Round, #6325LE**

**Description:** The eXact iMpacT 40mm Sponge Round is a less-lethal, 40 mm point-of-aim, point-of-impact direct-fire round that has a plastic body and sponge nose. It is spin stabilized and utilizes smokeless powder as the propellant, yielding consistent velocities.

**Link:**

<https://www.defense-technology.com/product/exact-impact-le-40-mm-extended-range-sponge-round/>

**Quantity:**

Forty (40)

**Initial Cost:**

\$25.44 per item

**Ongoing Costs:**

None

**Notes:**

Purchased as a like-kind item to Defense Technology® 40mm Exact Impact Sponge, #6325

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**Item: Defense Technology® Direct Impact® 40mm OC Crushable Foam Round, #6320**

**Description:** The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round that can be used for incapacitation or crowd control. When loaded with oleoresin capsicum (OC) powder, it combines direct impact with the effects of an irritant powder.

**Link:**

<https://www.defense-technology.com/product/direct-impact-40-mm-oc-crushable-foam-round/>

**Quantity:**

Ninety (90)

**Initial Cost:**

\$21 per item (blended cost)

**Ongoing Costs:**

Approximately \$4,500

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**Item: Defense Technology® Direct Impact® 40mm CS Crushable Foam Round, #6322**

**Description:** The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round that can be used for incapacitation or crowd control. When loaded with 2-chlorobenzalmalononitrile (CS) powder, it combines direct impact with the effects of an irritant powder.

**Link:**

<https://www.defense-technology.com/product/direct-impact-40mm-cs-crushable-foam-round/>

**Quantity:**

Forty (40)

**Initial Cost:**

\$19 per item

**Ongoing Costs:**

Approximately \$2,000

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**Item: Defense Technology® 40mm Marking Crushable Foam Round, #6326**

**Description:** The 40mm Direct Impact less-lethal munition is a point-of-aim, point-of-impact direct-fire round that can be loaded with a green marking agent to identify subjects, such as an aggressor in a crowd or riot situation.

**Link:**

<https://www.defense-technology.com/product/direct-impact-40-mm-marking-crushable-foam-round/>

**Quantity:**

Forty (40)

**Initial Cost:**

\$25.44 per item

**Ongoing Costs:**

Approximately \$1,000

**Notes:**

Purchased as a like-kind item to Defense Technology® 40mm Exact Impact Sponge, #6325

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**Item: Defense Technology® 12-Gauge Drag Stabilized Round**

**Description:** The 12-Gauge Drag Stabilized Round is comprised of a translucent 12-gauge shell loaded with a 40 gram, tear shaped bag made from a cotton and ballistic material blend and filled with #9 shot. This design utilizes four stabilizing tails. The round utilizes smokeless powder as the propellant.

**Link:**

<https://www.defense-technology.com/product/drag-stabilized-12-gauge-bean-bag-round/>

**Quantity:**

Two hundred ninety-four (294)

**Initial Cost:**

\$5 per item

**Ongoing Costs:**

None

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**AUTHORIZED USE**

The above-listed less-lethal munitions are highly effective in disarming violent and/or armed suspects with minimal risk to persons. Deployments are relegated to safety members who received POST certified training in the deployment of less-lethal weapons. The Emergency Operations Division utilizes less-lethal munitions and launchers in tactical operations and for in-service training.

**LIFESPAN**

Less-lethal munitions have a recommended lifespan of 5 years.

**FISCAL IMPACT**

Approximately \$17,500

### 3. CHEMICAL AGENTS

Chemical agents, such as oleoresin capsicum (OC) and 2-chlorobenzalmalononitrile (CS), are used in volatile situations, such as a riot, where a danger to life and/or property exists. They can be used by law enforcement to bring an incident under control where other methods would be ineffective or more dangerous, minimizing the risk of injury to persons and property.

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**Item:** Defense Technology® Spede-Heat™ Continuous Discharge Chemical Grenade, CS, #1072

**Description:** This Spede-Heat Grenade is a high volume, continuous burning launchable grenade that expels approximately 2.9 oz. of tear gas/2-chlorobenzalmalononitrile (CS) in approximately 20-40 seconds through eight ports on the canister.

**Link:**

<https://www.defense-technology.com/product/spede-heat-continuous-discharge-chemical-grenade-cs/>

**Quantity:**

Twenty-eight (28)

**Initial Cost:**

\$38 per item

**Ongoing Costs:**

Approximately \$3,000

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**Item:** Defense Technology® Flameless Tri-Chamber CS Grenade, CS, #1032

**Description:** The design of the Tri-Chamber 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 tear gas/2-chlorobenzalmalononitrile (CS) during its 20-25 seconds burn time.

**Link:**

<https://www.defense-technology.com/product/flameless-tri-chamber-cs-grenade/>

**Quantity:**

Twenty nine (29)

**Initial Cost:**

\$51.60 per item

**Ongoing Costs:**

Approximately \$3,000

**Notes:**

Purchased as a like-kind item to Defense Technology® Spede-Heat™ Continuous Discharge Chemical Grenade, CS, #1072

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**Item: Defense Technology® Pocket Tactical Grenade, CS, #1016**

**Description:** This Pocket Tactical Grenade is a small and lightweight launchable grenade that expels approximately 0.9 oz. of tear gas/2-chlorobenzalmalononitrile (CS). It is normally used as a signaling or covering device.

**Link:** <https://www.defense-technology.com/product/pocket-tactical-grenade-cs/>

**Quantity:** Twenty-two (22)

**Initial Cost:** \$29 per item

**Ongoing Costs:** Approximately \$1,500

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**Item: Defense Technology® Spede-Heat 40mm Short-Range Round, CS, #6282**

**Description:** The Spede-Heat 40mm Short Range CS Round incorporates an aluminum shell and utilizes black powder as the propellant for 2-chlorobenzalmalononitrile (CS). It is designed to deliver one dual-ported chemical canister from a 40mm launcher from a distance of 75 yards to the intended target zone.

**Link:** <https://www.defense-technology.com/product/spede-heat-40-mm-short-range-round-cs/>

**Quantity:** Twenty-six (26)

**Initial Cost:** \$32.60 per item

**Ongoing Costs:** Approximately \$2,000

**Notes:** Purchased as a like-kind item to Combined Systems, Inc. 40mm CS Powder Barricade, Spin Stabilized, 4.1" Long Penetrating Munition, #4431

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**Item: Muzzle Blast 40mm Round, OC**

**Description:** The 40mm Muzzle Blast OC Round is a crowd management tool for immediate and close deployment of oleoresin capsicum (OC). It can also be used in tactical operations, such as for barricaded subjects, for area denial and area contamination, or as a compliance round.

**Link:** <https://www.defense-technology.com/product/muzzle-blast-40-mm-round-oc/>

**Quantity:** Forty-seven (47)

**Initial Cost:** \$26.05 per item

**Ongoing Costs:** Approximately \$2,600

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**Item: Duke Defense USA OC2 Projectiles**

**Description:** Each .68 caliber frangible OC2 projectile deployed from a pneumatic launcher delivers an approximate 3-gram powdered irritant of pepper/oleoresin capsicum (OC) and incapacitant (PAVA) sprays upon contact.

**Link:** <https://www.dukedefence.com/product/duke-standard-irritant-projectiles/>

**Quantity:** Three thousand (3,000)

**Initial Cost:** \$1.91 per item (blended cost)

**Ongoing Costs:** Approximately \$10,800

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**AUTHORIZED USE**

The above-listed chemical agents are infrequently used but are highly effective in quelling combative subjects/situations while mitigating serious injury to the involved parties. Deployments are relegated to POST certified safety members who have completed chemical agents training.

**LIFESPAN**

Chemical agent devices have a recommended lifespan of 5 years.

**FISCAL IMPACT**

Approximately \$22,900

#### 4. **DISTRACTION DEVICES**

*Distraction devices are used to distract and disorient dangerous suspects during deliberate hostage rescues, high-risk building entries, and other circumstances where a danger to life exists, and are deployed when other methods of control or apprehension would be more dangerous. Distraction devices produce atmospheric over-pressure and brilliant white light; as a result, they can cause short-term (6–8 seconds) physiological/psychological sensory deprivation.*

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**Item: Defense Technology® Rubber Ball Blast with Safety Clip, Inert, #1098SC**

**Description:** The Inert Rubber Blast Ball Grenade with Safety Clip is effective in both training and custodial and crowd management situations. It simulates the dispersion of a Blast Ball but without the actual chemical exposure.

**Link:**

<https://www.defense-technology.com/product/rubber-ball-blast-w-safety-clip-inert/>

**Quantity:**

Seventeen (17)

**Initial Cost:**

\$40 per item

**Ongoing Costs:**

Approximately \$2,200

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**Item: Defense Technology® Han-Ball™ Grenade, CS, #1092**

**Description:** The Han-Ball™ CS Grenade is for outdoor use. It expels 2-chlorobenzalmalononitrile (CS) in approximately 15-20 seconds. This launchable grenade holds approximately 1.6 oz. of active agent that is expelled through three ports around the equator of the ball.

**Link:**

<https://www.defense-technology.com/product/han-ball-grenade-cs/>

**Quantity:**

Six (6)

**Initial Cost:**

\$34 per item

**Ongoing Costs:**

Approximately \$1,600

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**Item: Defense Technology® Stinger Rubber Ball Grenade, OC, #1089**

**Description:** The Rubber Ball Grenade is a maximum effect device that delivers four stimuli for psychological and physiological effects: rubber pellets, light, sound, and pepper/oleoresin capsicum (OC) spray. It is most widely used as a crowd management tool by law enforcement and corrections personnel. The grenade has an initial 1.5 second delay that initiates fuse assembly separation, followed by another .5 second delay before the blast, which is sufficient to project the rubber balls in a 50-foot radius.

**Link:** <https://www.defense-technology.com/product/stinger-rubber-ball-grenade-oc/>

**Quantity:** Seventeen (17)

**Initial Cost:** \$54 per item (blended cost)

**Ongoing Costs:** Approximately \$2,200

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**Item: Defense Technology® 40mm Aerial Warning/Signal Munition, 100m**

**Description:** The Defense Technology® Aerial Warning/Signaling Munition, 100m, is designed for warning, signaling, and distraction in crowd control.

**Link:** [https://www.defense-technology.com/wp-content/uploads/2020/06/DT\\_Aerial\\_Warning\\_Munitions\\_Sell\\_Sheet.pdf](https://www.defense-technology.com/wp-content/uploads/2020/06/DT_Aerial_Warning_Munitions_Sell_Sheet.pdf)

**Quantity:** Seventy-nine (79)

**Initial Cost:** \$43 per item

**Ongoing Costs:** Approximately \$1,800

**Notes:** Purchased as a like-kind item to Combined Systems, Inc. Mini-Bang®, Steel Body, #7290M

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## AUTHORIZED USE

The above-listed distraction devices are utilized for in-service training, tactical operations, and judicial purposes by the Emergency Operations Division. All Department safety members receive POST certified training to utilize these devices in the Basic Academy. Distraction devices are highly effective in quelling combative subjects/situations while mitigating serious injury to the involved parties.

## LIFESPAN

Distraction devices have a recommended lifespan of 5 years.

## FISCAL IMPACT

Approximately \$7,800

### 5. **LONG-RANGE ACOUSTIC DEVICE**

*The long-range acoustic device (LRAD) may be used to broadcast clear voice messages and deterrent tones over an amplified public address system.*

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#### **Item: American Technology Corporation LRAD 1000 Device**

**Description:** LRAD technology products can be used as amplification systems to communicate public announcements and safety advisements during natural disasters or evacuations, as well as clear dispersal orders and deterrent tones regarding unlawful assembly in criminal unrest and rioting situations.

<b>Link:</b>	<a href="#">Unavailable</a>
<b>Quantity:</b>	Two (2)
<b>Initial Cost:</b>	\$45,134 per item
<b>Ongoing Costs:</b>	None

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## AUTHORIZED USE

The long-range acoustic device may be used for making critical incident and emergency public announcements and for large crowd dispersal during unlawful assemblies.

## LIFESPAN

Long-range acoustic devices have a lifespan of 20 plus years.

## FISCAL IMPACT

None

## D. SPECIALIZED INVESTIGATIONS DIVISION

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The Specialized Investigations Division is comprised of the Homicide Detail, Crimes Against Children Detail, and the Polygraph Detail. These details investigate a variety of major crimes including homicides, suspicious deaths, in-custody deaths, officer-involved shootings, child pornography, child abuse, and various other crimes against children. Personnel assigned to the division are highly skilled and experienced investigators who use the latest technology to investigate and solve cases. Local law enforcement agencies can request investigators and Department resources to investigate officer-involved shootings or major crimes.

### 6. MOBILE COMMAND POST

*Command posts are built to better assist in command and control during law enforcement operations, natural disasters, and other public safety events. These vehicles are designed with additional communication abilities, computers, whiteboards, lighting, generators, and mission critical supplies.*

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#### Item: 2016 Eagle Mobile Command Post

**Description:** The Eagle Mobile Command Post was customized from a recreation vehicle to better assist in command and control during law enforcement operations and natural disasters. This vehicle is designed with mission-essential supplies, such as lighting, and an interview room with whiteboards.

<b>Link:</b>	<a href="#">Unavailable</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$221,912.50 per item
<b>Ongoing Costs:</b>	Approximately \$1,000

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### AUTHORIZED USE

The above-listed command post vehicle is used for operational command and control of various types of investigations, natural disasters, and emergencies. Supervisors assigned to the division may deploy the command post.

### LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

### FISCAL IMPACT

Approximately \$1,000

## **E. BUREAU OF ADMINISTRATION**

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The Sheriff's Automotive Services, a unit within the Department's Bureau of Administration, is responsible for monitoring all of the vehicles in the fleet. This function includes maintenance of patrol cars, motorcycles, buses, prisoner transportation vans, boats, administrative vehicles, and many other specialty vehicles.

### **7. MOBILE COMMAND POST**

*Command vehicles are built to better assist in command and control during law enforcement operations, natural disasters, and other public safety events. These vehicles are designed with additional communication abilities, computers, whiteboards, lighting, generators, and mission critical supplies.*

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#### **Item: 2001 Fleetwood Southwind Mobile Command Post**

**Description:** The Southwind Mobile Command Post was customized from a Southwind recreation vehicle to better assist in command and control during law enforcement operations and natural disasters. This vehicle is designed with mission-essential supplies, such as additional communications abilities, and lighting.

<b>Link:</b>	<a href="#">Unavailable</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$92,652 per item
<b>Ongoing Costs:</b>	Approximately \$3,500

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### **AUTHORIZED USE**

The above-listed command post vehicle is used for operational command and control of various types of investigations, natural disasters, and emergencies. Supervisors assigned to the division may deploy the command post.

### **LIFESPAN**

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

### **FISCAL IMPACT**

Approximately \$3,500

## F. PATROL OPERATIONS BUREAU

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The Patrol Operations Bureau plays a critical role in maintaining public safety by responding to emergencies, preventing crime, and fostering positive relationships between law enforcement and the community. Patrol deputies are often the first to respond to emergency calls for service including crimes in progress, accidents, medical emergencies, and other critical situations. They also conduct routine patrols in designated areas to deter and detect criminal activity, and perform traffic enforcement, community engagement, and criminal investigative functions.

### 8. MOBILE COMMAND POST

*Command posts are built to better assist in command and control during law enforcement operations, natural disasters, and other public safety events. These vehicles are designed with additional communication abilities, computers, whiteboards, lighting, generators, and mission critical supplies.*

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#### Item: 2022 Morgan Olson Route Star Mobile Command Post

**Description:** The Star Mobile Command Post was customized from a Morgan Olson vehicle to better assist in command and control during law enforcement operations and natural disasters. This vehicle is designed with mission-essential supplies, such as additional communications abilities and lighting.

<b>Link:</b>	<a href="https://morganolson.com/route-star/">https://morganolson.com/route-star/</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$430,555 (paid for by the City of Victorville)
<b>Ongoing Costs:</b>	\$0 (paid for by the City of Victorville)

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### AUTHORIZED USE

The above-listed command post vehicle is used for operational command and control of various types of investigations, natural disasters, and emergencies. Supervisors assigned to the division may deploy the command post.

### LIFESPAN

Frequency of use, proper maintenance, and environmental factors can all impact the serviceable life of command post vehicles, but the equipment has an estimated lifespan of approximately 15 years.

### FISCAL IMPACT

None

## II. ACQUISITIONS

For the 2025 calendar year, the Department seeks the Board of Supervisors' acquisition approval to: (1) make like-kind replacements when stock of approved military equipment has reached significantly low levels or has been exhausted, including due to factors such as increased staffing or duties placed upon the Department, has reached the viable life cycle, or has been rendered unusable; (2) purchase the below-listed, or comparable, items; and (3) receive equipment having no initial cost to the Department, such as that which is acquired as a result of a court order or is gifted.

### A. PURCHASES

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**Item:** Autel Evo Max 4T

**Description:** The EVO Max 4T brings powerful technologies and advanced autonomy to users. EVO Max 4T assesses complex environments to create real-time 3D flight paths for unparalleled obstacle avoidance. Advanced sensors make flight in GPS unavailable areas possible and the incredible new thermal payload unlocks new object identification and tracking scenarios. With a foldable, weather-resistant design, the EVO Max 4T is as portable as it is capable.

**Link:**

<https://shop.autelrobotics.com/collections/autel-evo-max-series-for-theme-2023/products/evo-max-4t>

**Quantity:**

Two (2)

**Initial Cost:**

Approximately \$8,999 per item

**Ongoing Costs:**

Approximately \$400

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**Item:** 2025 G3 Lenco Ballistic Engineered Armored Response Counterattack Truck (BEARCAT)

**Description:** The G3 Lenco BEARCAT is a 4-wheel drive, offroad capable, small, armored rescue vehicle. It can protect approximately eight people while conducting rescue operations, SWAT operations, and high-risk search warrants.

**Link:**

<https://www.lencoarmor.com/police-government/>

**Quantity:**

One (1)

**Initial Cost:**

Approximately \$450,674 per item

**Ongoing Costs:**

Approximately \$11,200

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**Item: Skydio X10 VT300-Z**

**Description:** The Skydio X10 VT300-Z is an indoor/outdoor rated sUAS that weights approximately 4.65 pounds and is used to boost search and rescue efforts by providing real-time, force-multiplying ariel support. First responders on the ground can launch a drone and resume search activities while remote pilots extend the search area with ariel perspectives, including heat sensitive, thermal imaging, significantly increasing the likelihood of locating missing persons.

**Link:**

<https://www.skydio.com/X10>

**Quantity:**

Six (6)

**Initial Cost:**

Approximately \$26,316 per item

**Ongoing Costs:**

Approximately \$1,200

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**Item: ICOR Mini-CALIBER**

**Description:** Lightweight, modular, and one-man portable, the Mini-CALIBER SWAT and EOD Robot is tested and recommended by the National Tactical Officers Association (NTOA). 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 Mimi-CALIBER effortlessly climbs stairs. It also includes an extendible rotating claw arm that simplifies opening door handles.

**Link:**

<https://icortechnology.com/robots/mini-caliber/>

**Quantity:**

One (1)

**Initial Cost:**

Approximately \$66,340 per item

**Ongoing Costs:**

Approximately \$1,000

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**Item: Axon Sky-Hero Sigyn MKI Ground Robot**

**Description:** The Sky-Hero by Axon SIGYN MKI is a rugged, lightweight, and throwable small uncrewed ground vehicle (sUGV) purpose-built to collect and transmit real-time audio/video intelligence. Ideal for short-range reconnaissance missions in obstacle-rich environments and GPS and cellular-denied areas. It includes front and rear wide-angle, low-light cameras, and eight controllable IR LEDs to enhance the safety and success of tactical missions.

<b>Link:</b>	<a href="https://www.axon.com/products/axon-sky-hero/sigyn">https://www.axon.com/products/axon-sky-hero/sigyn</a>
<b>Quantity:</b>	Eight (8)
<b>Initial Cost:</b>	Approximately \$8,031 per item
<b>Ongoing Costs:</b>	Approximately \$1,600

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### III. CONFIRMED NON-COMPLIANCE

The Department had no reportable instances of confirmed non-compliance with its Military Equipment Use Policy to report to the Board of Supervisors.

### IV. JUSTIFICATION

In order to ensure that the Department's military equipment provides the best value to meet the County's needs in comparison to alternatives, if any were available, and to achieve officer and civilian safety, the Department's past and future acquisitions of military equipment comply with Section 11, Procurement and Contracting, of the County of San Bernardino's Policy Manual.