

**SAN BERNARDINO COUNTY SHERIFF'S DEPARTMENT**  
**ANNUAL MILITARY EQUIPMENT REPORT**  
**DATED MARCH 10, 2022**

**I. MILITARY EQUIPMENT INVENTORY**

The San Bernardino County Sheriff's Department (Department) utilizes the equipment listed below for law enforcement purposes only, 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. Deployments are 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).

**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 cover a range of specific enforcement areas. Personnel are organized into several 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 or death to suspects, safety members, and others, and to avoid property damage. sUAS use is often necessary for visual observation of incidents where a danger to life exists and traditional observation methods would be ineffective or 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.

**Link:** [Unavailable](#)

**Quantity:** Two (2)  
**Initial Cost:** \$7,500  
**Ongoing Costs:** Approximately \$500

**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. The Evo II Dual is equipped with standard and thermal sensors to enable its use in day- and nighttime law enforcement, and search and rescue, operations.

**Link:** <https://auteldrones.com/pages/evo-ii-dual-specification>

**Quantity:** Two (2)  
**Initial Cost:** \$10,000  
**Ongoing Costs:** Approximately \$500

**Item:** **Parrott ANAFI Thermal**

**Description:** The Anafi Thermal is an indoor/outdoor rated sUAS that weighs approximately three pounds and is used to search the interiors and exteriors of various structures. It is equipped with standard and thermal sensors to enable its use in day- and nighttime law enforcement, and search and rescue, operations. The Anafi 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  
**Ongoing Costs:** Approximately \$200

## **AUTHORIZED USE**

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

## **LIFE SPAN**

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

## FISCAL IMPACT

Approximately \$2,200

### 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 and death to safety members and others, and avoids property damage.*

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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:** [Unavailable](#)

**Quantity:** Two (2)

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

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

**Item:** **Qinetic 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.qinetic.com/en-us/what-we-do/services-and%20products/dragon-runner-small-and-compact-robot>

**Quantity:** Two (2)

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

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

**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 shoot a round to cause damage to the internal components of an explosive device and disrupt the device's ability to explode.

**Link:** <https://investor.irobot.com/news-releases/news-release-details/irobot-introduces-packbot-explorer-robot>

**Quantity:** One (1)  
**Initial Cost:** \$120,255  
**Ongoing Costs:** Approximately \$1,000

**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:** [Unavailable](#)

**Quantity:** One (1)  
**Initial Cost:** \$25,022  
**Ongoing Costs:** Approximately \$500

**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/transcendproduct/vantage-patrol-robot/>

**Quantity:** Five (5)  
**Initial Cost:** \$5,000  
**Ongoing Costs:** Approximately \$250

## **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.

## **LIFE SPAN**

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

## FISCAL IMPACT

Approximately \$7,750

### 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 suspects, safety members, and others, such as during a hostage rescue, 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 dynamite, 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:** [Unavailable](#)

**Quantity:** Eighteen (18)

**Initial Cost:** \$10

**Ongoing Costs:** None

**Item:** **Detonating Cord**

**Description:** Detonating cord is a flexible plastic tube that is filled with an explosive, such as pentaerythritol tetranitrate. A detonating cord serves as a high-speed fuse for detonating devices and assists with making entry on various types of doors.

**Link:** [Unavailable](#)

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

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

**Ongoing Costs:** None

### **AUTHORIZED USE**

The above-listed explosive breaching tools 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 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 the use

of an explosive breaching tool.

#### **LIFE SPAN**

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

#### **FISCAL IMPACT**

None

#### **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 others, such as during hostage rescues and high-risk building searches, when other tools would be ineffective or more dangerous. They are also used as 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:** Nineteen (19)

**Initial Cost:** \$847

**Ongoing Costs:** Approximately \$800

**Item:** **Defense Technology 40mm Tactical 4-Shot Launcher**

**Description:** The 40mm Tactical 4-Shot Launcher is a low-profile, lightweight launcher that features an expandable gun stock, an adjustable mounted front grip with light rail, and a unique direct-drive system to advance the magazine cylinder.

**Link:** <https://www.defense-technology.com/product/40mm-tactical-4-shot-launcher/>

**Quantity:** Five (5)

**Initial Cost:** \$2,186

**Ongoing Costs:** Approximately \$200

**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

**Ongoing Costs:** None

**Item:** **Defense Technology 40mm Blunt Impact Projectile**

**Description:** The Blunt Impact Projectile is a less-lethal ammunition made of foam, usually containing a marking liquid or powder. The projectiles can also be used to break glass and other barriers, as needed.

**Link:** [Unavailable](#)

**Quantity:** One Hundred and fifty (150)

**Initial Cost:** \$32

**Ongoing Costs:** None

**Item:** **Remington Model 870 Stun-Bag Shotgun**

**Description:** The pump-action 870 Stun-Bag is a shotgun that is used to breach doorways or as a launcher for chemical agents and other less lethal munitions.

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

**Quantity:** Twenty-seven (27)

**Initial Cost:** \$450

**Ongoing Costs:** Approximately \$900

#### **AUTHORIZED USE**

The above-listed less lethal launchers and munitions are highly effective in disarming violent suspects, armed suspects, and suicidal subjects 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.

## LIFE SPAN

Less lethal munitions have a recommended life span 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. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum life span of 10 years. If thoroughly maintained, pneumatic launchers should have a 4–6-year life span.

## FISCAL IMPACT

Approximately \$1,900

### 5. **CHEMICAL AGENTS AND ACCESSORIES**

*Chemical agents, such as pepper spray (OC) and tear gas (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 suspects, safety members, and others, and avoiding property damage.*

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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.

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

**Quantity:** Twenty-One (21)

**Initial Cost:** \$41

**Ongoing Costs:** None

**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 spray.

**Link:** <https://www.defense-technology.com/product/flameless-expulsion-oc-grenade/>

**Quantity:** Forty-Four (44)

**Initial Cost:** \$42

**Ongoing Costs:** None

**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 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-Two (52)

**Initial Cost:** \$38

**Ongoing Costs:** None

**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 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:** Six (6)

**Initial Cost:** \$38

**Ongoing Costs:** None

**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. It is normally used as a signaling or covering device.

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

**Quantity:** One Hundred Nine (109)

**Initial Cost:** \$29

**Ongoing Costs:** None

**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 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:** Eighty-Three (83)

**Initial Cost:** \$40  
**Ongoing Costs:** None

**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 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:** Thirty-Six (36)

**Initial Cost:** \$39

**Ongoing Costs:** None

**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 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:** Fourteen (14)

**Initial Cost:** \$17

**Ongoing Costs:** None

**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.

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

**Quantity:** Five (5)

**Initial Cost:** \$166

**Ongoing Costs:** None

**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:** Fifteen (15)  
**Initial Cost:** \$5  
**Ongoing Costs:** None

#### **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 Mobile Field Force Teams, or the Training Division. The SWAT Commander must approve the use of chemical agents.

#### **LIFE SPAN**

Chemical agent munitions have a recommended life span of 5 years.

#### **FISCAL IMPACT**

None

#### **6. FIREARMS**

*.50 caliber weapons are used, often by the Arson/Bomb Detail or SWAT, 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 or steel.*

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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  
**Ongoing Costs:** Approximately \$6,000

**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:** <http://www.edmarms.com/products/m96.htm>  
**Quantity:** One (1)  
**Initial Cost:** \$7,003  
**Ongoing Costs:** Approximately \$100

**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:** 390  
**Initial Cost:** \$4  
**Ongoing Costs:** None

**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:** [Unavailable](#)  
**Quantity:** 20  
**Initial Cost:** \$5  
**Ongoing Costs:** None

## **AUTHORIZED USE**

The above-listed .50-caliber rifles 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.

## **LIFE SPAN**

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 life span of 10 years.

## FISCAL IMPACT

Approximately \$6,100

### 7. ***DISTRACTION DEVICES***

*Distraction devices are used to distract and disorient dangerous suspects during deliberate hostage rescues, high-risk building entries, and other dangerous situations. The use of distraction devices is often necessary in circumstances where a danger to life exists, such as during hostage rescues and high-risk building searches, and 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:** Six (6)

**Initial Cost:** \$109

**Ongoing Costs:** None

**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:** Ninety-Two (92)

**Initial Cost:** \$34

**Ongoing Costs:** None

## AUTHORIZED USE

The above-listed Light Sound Diversionary 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 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 Light Sound Diversionary Device.

## LIFE SPAN

All distraction devices have an estimated life span of approximately 5 years.

## FISCAL IMPACT

Approximately \$3,500

### 8. **ARMORED RESCUE VEHICLES**

*Armored rescue vehicles are all-terrain vehicles with exterior armor capable of protecting safety members while conducting rescue operations, SWAT operations, and high-risk search warrants. These armored rescue 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)**

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

**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.

**Quantity:** One (1)

**Initial Cost:** \$143,286

**Ongoing Costs:** Approximately \$3,000

**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  
**Ongoing Costs:** Approximately \$3,000

**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

**Ongoing Costs:** Approximately \$3,000

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

**Description:** The 1980 Chrysler Peacekeepers are small, armored rescue vehicles capable of protecting approximately five people while conducting rescue operations. These vehicles are staged in remote areas of the County to enable deputies to respond to emergency situations that necessitate mobile cover for rescue and active shooter operations. These 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

**Ongoing Costs:** Approximately \$5,000

## **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 and the Perimeter Containment Team who have a current and appropriate driver's license.

## **LIFE SPAN**

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

## FISCAL IMPACT

Approximately \$17,000

### 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 suspect. 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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<b>Item:</b>	<b>Caterpillar / EZSPOTR Tactical Tractor</b>
<b>Description:</b>	Armored tactical tractor used to port doors and windows, remove heavy objects, and provide mobile cover during tactical operations.
<b>Link:</b>	<a href="#">Unavailable</a>
<b>Quantity:</b>	One (1)
<b>Initial Cost:</b>	\$82,945
<b>Ongoing Costs:</b>	Approximately \$1,500

### **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.

### **LIFE SPAN**

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

## FISCAL IMPACT

Approximately \$1,500

**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

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

**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.

**LIFE SPAN**

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

**FISCAL IMPACT**

Approximately \$2,000

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

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The Sheriff's Personnel / Emergency 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 / Emergency Services Bureau's inventory and excludes those issued to the Specialized Enforcement Division.

### **1. .50 CALIBER RIFLES**

*Though inventoried for vehicle borne threats, these firearms are maintained in the Personnel / Emergency Services Bureau's inventory and generally serve as training aids to ensure safety members are aware of potential firearms they may locate in the field. Additionally, there is a crucial need for staff to understand the functionality and capabilities of these firearms for instructional purposes and 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:** [Unavailable](#)

**Quantity:** One (1)

**Initial Cost:** \$0 (Acquired via court order)

**Ongoing Costs:** Approximately \$100

**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:** [Unavailable](#)

**Quantity:** One (1)

**Initial Cost:** \$9,200

**Ongoing Costs:** Approximately \$100

**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  
**Ongoing Costs:** Approximately \$100

## **AUTHORIZED USE**

The above-listed semi-automatic and automatic .50 caliber rifles offer increased precision at long range distances, with the ability to accurately penetrate unconventional barriers in severe critical incidents. The Specialized Enforcement Division generally utilizes these rifles for mission-specific situations. The .50 caliber rifles in the Personnel / Emergency Services Bureau's inventory are utilized for specialized in-service training, judicial purposes, or public demonstrations, but they are functionally sound if warranted for field use. Deployments are relegated to Department members who have completed POST certified training for large caliber/large bore weapon systems, and/or POST certified firearms instructors.

## **LIFE SPAN**

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 life span of 10 years.

## **FISCAL IMPACT**

Approximately \$300

## **2. SELECT-FIRE AND SEMI-AUTOMATIC .308 – CALIBER/7.62MM RIFLES**

*These firearms generally serve as training aids to ensure safety members are aware of comparable 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:** **Heckler & Koch HK91 Rifle**  
**Description:** The HK91, chambered in 7.62 x 51mm, is a semi-automatic rifle 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:** Five (5)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$250

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

**Description:** The Norinco AK-47 Style Rifle, chambered in 7.62 x 39mm, is a semi-automatic rifle 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:** Two (2)

**Initial Cost:** \$0 (Acquired via court order)

**Ongoing Costs:** Approximately \$50

**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 (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 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:** \$1,800

**Ongoing Costs:** Approximately \$50

**Item:** **Australian L1A1 Rifle**

**Description:** The L1A1, chambered in 7.62 x 51mm, is a semi-automatic rifle 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 (Acquired via court order)

**Ongoing Costs:** Approximately \$100  
**Item:** **Federal Arms FA91 Rifle**  
**Description:** The FA91, chambered in .308 caliber, is a semi-automatic rifle 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 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

**Item:** **Mitchell Arms M90 Rifle**  
**Description:** The Mitchell Arms M90, chambered in 7.62 x 51mm, is a semi-automatic rifle 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 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

**Item:** **Colt R6830 Rifle**  
**Description:** The R6830, chambered in 7.62 x 39mm, is a semi-automatic rifle 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:** \$2,000  
**Ongoing Costs:** Approximately \$50

#### **AUTHORIZED USE**

The above-listed select fire and semi-automatic .308 caliber/7.62mm rifles offer increased accuracy at long range distances and are historical industry standard rifles that were utilized for mission-specific operations and are generally not issued to specialized units or divisions. Those in the Personnel / Emergency Services Bureau's inventory are utilized for in-service training, judicial purposes, or public demonstrations, but they are functionally sound if warranted for field use. Deployments are relegated to Department members who have completed POST certified select fire or long barrel/short barrel rifle training, and/or POST certified firearms instructors.

## LIFE SPAN

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 life span of 10 years.

## FISCAL IMPACT

Approximately \$700

### 3. **SELECT-FIRE AND SEMI-AUTOMATIC 5.56mm/.223 – CALIBER RIFLES**

*These firearms generally serve as training aids to ensure safety members are aware of equivalent 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:** **FN Herstal FNC Sporter Rifle**

**Description:** The FNC Sporter, chambered in 5.56 x 45mm, is a semi-automatic rifle that is designed for use in 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 (Acquired via court order)

**Ongoing Costs:** Approximately \$50

**Item:** **Heckler & Koch G36 Rifle**

**Description:** The G36, chambered in 5.56 x 45mm, is a semi-automatic rifle that is designed for use in short to medium range engagements. This rifle is used to train department armorers and attendees of related training.

**Link:** <https://hk-usa.com/hk-models/g36c/>

**Quantity:** Two (2)

**Initial Cost:** \$0 (Acquired via court order)

**Ongoing Costs:** Approximately \$100

**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 use in 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 (Acquired via court order)

**Ongoing Costs:** Approximately \$100

**Item:** **Steyr AUG-P Bullpup Rifle**

**Description:** The AUG-P Bullpup, chambered in 5.56 x 45mm, is a semi-automatic bullpup rifle that is designed for use in 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 (Acquired via court order)

**Ongoing Costs:** Approximately \$50

**Item:** **Valmet M76 Rifle**

**Description:** The Valmet M76, chambered in .223 caliber, is a semi-automatic rifle that is designed for use in 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 (Acquired via court order)

**Ongoing Costs:** Approximately \$100

**Item:** **Armalite AR180 Rifle**

**Description:** The Armalite AR180, chambered in 5.56 x 45mm, is a semi-automatic rifle that is designed for use in 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:** \$2,000

**Ongoing Costs:** Approximately \$50

**Item:** **Daewoo DR200 Rifle**

**Description:** The DR200 is a semi-automatic .223 caliber rifle that is designed for use in 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 (Acquired via court order)

**Ongoing Costs:** Approximately \$50

**Item:** **Olympic Arms CAR-AR Rifle**

**Description:** The CAR-AR is a semi-automatic 5.56 x 45mm rifle that is designed for use in 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:** \$1,200

**Ongoing Costs:** Approximately \$50

**Item:** **Heckler & Koch HK93 Rifle**

**Description:** The HK93 Rifle, chambered in .223 caliber, is a semi-automatic rifle that is designed for use in 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 (Acquired via court order)

**Ongoing Costs:** Approximately \$50

**AUTHORIZED USE**

A majority of the above-listed select fire and semi-automatic 5.56mm/.223 caliber rifles are considered industry standard amongst a high percentage of law enforcement agencies and offer superb accuracy at short to medium range distances. Those in the Personnel / Emergency Services Bureau's inventory are utilized for in-service training, judicial purposes, and public demonstrations, and hold significant historical value. They are functionally sound if warranted for field use. Deployments are relegated to Department members who have completed POST certified select fire or long barrel/short barrel rifle training, trainees who are garnering POST certification and/or POST certified firearms instructors.

## LIFE SPAN

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 life span of 10 years.

## FISCAL IMPACT

Approximately \$600

### 4. **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 use in short range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** Four (4)

**Initial Cost:** \$0 (Acquired via court order)

**Ongoing Costs:** Approximately \$100

**Item:** **Auto Ordnance 1927A1**

**Description:** The 1927A1 is a .45 caliber semi-automatic pistol that is designed for use in short range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** One (1)

**Initial Cost:** \$0 (Acquired via court order)

**Ongoing Costs:** Approximately \$25

**Item:** **IMI-UZI Model-B**

**Description:** The IMI-UZI Model-B, chambered in 9mm, is a semi-automatic pistol that is designed for use in short range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** Two (2)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

**Item:** **Ingram MAC-11**

**Description:** The MAC-11, chambered in .380 caliber, is a select fire pistol submachine gun that is designed for use in close range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** Three (3)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$75

**Item:** **Irma MP40 Submachine Gun**

**Description:** The MP40 Submachine Gun, chambered in 9mm, is a select fire pistol submachine gun that is designed for use in close range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** Two (2)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

**Item:** **Harrington & Richardson M50 Reising Submachine Gun**

**Description:** The M50 Reising Submachine Gun is a .45 caliber select fire pistol carbine submachine gun that is designed for use in close range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** Two (2)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$100

**Item:** **Russian PPSH-41 Submachine Gun**

**Description:** The PPSH-41, chambered in 7.62 x 25mm, is a select fire pistol carbine submachine gun that is designed for use in close range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** One (1)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

**Item:** **Kulsprutepistol M45/Swedish-K Submachine Gun**

**Description:** The M45/Swedish-K is a 9mm select fire pistol submachine gun that is designed for use in close range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** One (1)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

**Item:** **Enfield STEN-MKV Submachine Gun**

**Description:** The STEN-MKV is a 9mm select fire pistol caliber carbine submachine gun that is designed for use in close range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** One (1)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

**Item:** **Guide Lamp M3 Submachine Gun**

**Description:** The Guide Lamp M3 is a select fire .45 caliber pistol submachine gun that is designed for use in close range engagements. This firearm is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** One (1)  
**Initial Cost:** \$0 (Acquired via court order)  
**Ongoing Costs:** Approximately \$50

## **AUTHORIZED USE**

Though rarely fired, the above-listed select fire and semi-automatic pistol caliber firearms are generally utilized for in-service training, judicial purposes, and public demonstrations, and they hold significant historical value. Several have been extensively modified for specified use regarding sim-fire, force on force training scenarios. Deployments are relegated to Department members who are POST certified firearms instructors.

## LIFE SPAN

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 life span of 10 years.

## FISCAL IMPACT

Approximately \$600

### 5. **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 others, such as during hostage rescues and high-risk building searches, when other tools would be ineffective or more dangerous. They are also used as breaching tools. Less lethal weapons/munitions are necessary at the Personnel / Emergency Services Bureau regarding annual instructor certification for those in the Training Division who facilitate initial and refresher topical training.*

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

**Description:** The 40mm Tactical 4-Shot Launcher is a low-profile, lightweight launcher that features an expandable gun stock, an adjustable mounted front grip with light rail, and a unique direct-drive system to advance the magazine cylinder. This less-lethal munition launcher is used to train department armorers and attendees of related training.

**Link:** <https://www.defense-technology.com/product/40mm-tactical-4-shot-launcher/>

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

**Initial Cost:** \$2,186

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

**Item:** **Defense Technology 40mm LMT™ 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. This less-lethal munition launcher is used to train department armorers and attendees of related training.

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

**Quantity:** Twelve (12)

**Initial Cost:** \$847  
**Ongoing Costs:** Approximately \$500

**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 a multi-shot capacity and rifle barrel. This less-lethal munition launcher is used to train department armorers and attendees of related training.

**Link:** [Unavailable](#)

**Quantity:** One (1)

**Initial Cost:** \$1,000

**Ongoing Costs:** None

**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.

**Link:** <https://pepperball.com/launchers/ftc-1/>

**Quantity:** One (1)

**Initial Cost:** \$600

**Ongoing Costs:** Approximately \$20

**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:** [Unavailable](#)

**Quantity:** Six (6)

**Initial Cost:** \$140

**Ongoing Costs:** Approximately \$20

**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:** [Unavailable](#)

**Quantity:** Thirty-Three (33)

**Initial Cost:** \$259  
**Ongoing Costs:** Approximately \$1,500

**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:** Five Hundred Eighty-Six (586)

**Initial Cost:** \$670

**Ongoing Costs:** Approximately \$20,000

**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 FPS. The 30-gram foam projectile delivers 120 FT-LBS of energy on impact. The round provides accurate and effective performance when fired from the approved distance of not less than five and as far as 131 feet from the target.

**Link:** [Unavailable](#)

**Quantity:** Five Thousand Six Hundred Seventy-Six (5,676)

**Initial Cost:** \$21

**Ongoing Costs:** None

**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:** [Unavailable](#)

**Quantity:** Eight Thousand One Hundred Forty (8,140)

**Initial Cost:** \$5

**Ongoing Costs:** None

**Item:** **Duke Defense USA OC<sub>2</sub> Projectiles**

**Description:** Each .68 caliber frangible OC<sub>2</sub> projectile, when deployed from a pneumatic launcher, delivers an approximate 3-gram powdered irritant of pepper (OC) and incapacitant (PAVA) sprays upon contact.

**Link:** [Unavailable \[manufacturer's website "currently unavailable"\]](#)  
**Quantity:** Four Thousand Five Hundred (4,500)  
**Initial Cost:** \$0.55  
**Ongoing Costs:** None

## **AUTHORIZED USE**

The above-listed stun-bag rounds, 40mm launchers, and pneumatic launchers are issued to specialized teams/units, patrol, and corrections operations. They have been highly effective in disarming violent suspects, armed suspects, and suicidal subjects with minimal risk to subjects, safety members, and the public. 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 / Emergency Services Bureau's inventory are utilized for in-service training, judicial purposes, public demonstrations, and for issuance to stations/divisions.

## **LIFE SPAN**

Less lethal munitions have a recommended life span 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. Firearms testing standards from The National Institute of Justice indicate crucial mechanisms on a firearm should have a minimum life span of 10 years. If thoroughly maintained, pneumatic launchers should have a 4–6-year life span.

## **FISCAL IMPACT**

Approximately \$24,040

## **6. CHEMICAL AGENTS**

*Chemical agents, such as pepper spray (OC) and tear gas (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 suspects, safety members, and others, and avoiding property damage. Chemical agents are necessary at the Personnel / Emergency 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 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. It is normally used as a signaling or covering device.  
**Link:** <https://www.defense-technology.com/product/pocket-tactical->

[grenade-cs/](#)

**Quantity:** Sixty-One (61)  
**Initial Cost:** \$29  
**Ongoing Costs:** None

### **AUTHORIZED USE**

The above-listed chemical agent is infrequently used but is 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 Mobile Field Force Teams, or the Training Division.

### **LIFE SPAN**

Chemical agent devices have a recommended life span of 5 years.

### **FISCAL IMPACT**

None

## **7. DISTRACTION DEVICES**

*Stinger grenades are distraction devices that 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 suspects, safety members, and others, and avoiding property damage. Stinger grenades are necessary at the Personnel / Emergency 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 Stinger® .32 Caliber Rubber Balls, #1087**

**Description:** The Stinger Rubber Ball Grenade is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. 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 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:** [Unavailable](#)

**Quantity:** Twenty-Two (82)

**Initial Cost:** \$48

**Ongoing Costs:** None

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

**Description:** The Stinger Rubber Ball Grenade is a maximum effect device that delivers four stimuli for psychological and physiological effects: rubber pellets, light, sound, and pepper spray (OC). 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:** Forty (100)

**Initial Cost:** \$50

**Ongoing Costs:** None

#### **AUTHORIZED USE**

The above-listed distraction devices are utilized for in-service training, judicial purposes, and for issuance to the Detentions and Corrections Bureau. All Department safety members receive POST certified training to utilize these devices in the Basic Academy and annually. Deployed infrequently in a tactical setting, they are highly effective in quelling combative subjects/situations, while mitigating serious injury to the involved parties.

#### **LIFE SPAN**

Distraction devices have a recommended life span of 5 years.

#### **FISCAL IMPACT**

Approximately \$10,000

## **C. EMERGENCY OPERATIONS DIVISION AVIATION UNIT**

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The Aviation Unit is the lead aerial law enforcement agency for the County. Sheriff's Aviation 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.

### **1. AIRCRAFT**

*Because San Bernardino County spans over 20,000 square miles, its aircraft are used to transport County personnel, perform hundreds of search and rescue missions, 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:** Three (3)

**Initial Cost:** \$0

**Ongoing Costs:** While the exact annual maintenance cost varies based on replacement part needs, the cost is approximately \$61,423 per 50 hours of flight time.

**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.

**Link:** [Unavailable](#)

**Quantity:** Two (2)

**Initial Cost:** \$0

**Ongoing Costs:** While the exact annual maintenance cost varies based on replacement part needs, the cost is approximately \$29,820 per 50 hours of flight time.

## **AUTHORIZED USE**

The above-listed aircraft are used for purposes including general law enforcement support, narcotics surveillance, personnel/cargo transport, airborne photography, search and rescue operations, wild land fire suppression, and 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.

## **LIFE SPAN**

The life span of Departmental aircraft varies. The three helicopters listed above are 1968 (FAA Registration Number N62619), 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.

## **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.

### **1. 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.

**Link:** [Unavailable](#)  
**Quantity:** One (1)  
**Initial Cost:** \$221,912.50  
**Ongoing Costs:** Approximately \$1,000

### **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.

### **LIFE SPAN**

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

### **FISCAL IMPACT**

Approximately \$1,000

## **E. BUREAU OF ADMINISTRATION – AUTOMOTIVE**

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The Sheriff's Automotive Services Unit 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.

### **1. 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 additional communications abilities, and lighting.  
**Link:** [Unavailable](#)

**Quantity:** One (1)  
**Initial Cost:** \$92,652  
**Ongoing Costs:** Approximately \$1,000

### **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.

### **LIFE SPAN**

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

### **FISCAL IMPACT**

Approximately \$1,000

## **F. INTELLIGENCE DIVISION**

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

*The long-range acoustic device is used for emitting amplified public announcements during search warrant services, barricaded suspects, or tactical operations. The audible technology ensures broadcasted announcements are loud and clear while offering advantages over less-amplified patrol car public address systems.*

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

**Description:** Long-range acoustic device (LRAD) technology products use high intensity focused acoustic output to communicate well more than 500 meters with authority and high intelligibility. Using powerful voice commands and deterrent tones, large safety zones can be created around command posts and restricted/protected areas while determining the intent, influencing the behavior, and gaining the compliance of a targeted crowd. The device can be used for public announcements or safety advisements during natural disasters or evacuations, and in criminal unrest and rioting to provide clear dispersal orders for unlawful assembly.

**Link:** [Unavailable](#)

**Quantity:** Two (2)

**Initial Cost:** \$45,134

**Ongoing Costs:** None

### **AUTHORIZED USE**

The long-range acoustic device may be used for making critical incident and emergency public announcements. Deployment is relegated to those who have completed a training course in the proper use of the device.

### **LIFE SPAN**

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

### **FISCAL IMPACT**

None

## **II. ACQUISITIONS**

For the following calendar year, the Department seeks to maintain the status quo of its present inventory of military equipment. Thus, the Department seeks the Board of Supervisors' acquisition approval to make in-kind replacements when stock of approved military equipment has reached significantly low levels, has been exhausted, has reached the viable life cycle, or has been rendered unusable. The Department would also like the Board of Supervisors' approval to 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.

## **III. CONFIRMED NON-COMPLIANCE**

The Department has 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.