



**MILITARY EQUIPMENT FUNDING,
ACQUISITION AND USE POLICY
GENERAL ORDER #10.08**

Adopted:
Replaces:

Updated: 7/28/2022
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POLICY

It is the policy of the Santa Clara County Sheriff’s Office to have legally enforceable safeguards, including transparency, oversight, and accountability, in place to protect the public’s welfare, safety, civil rights, and civil liberties with respect to the funding, acquisition, and use of equipment defined by statute as military equipment. The acquisition of military equipment and its deployment in our communities may impact the public’s safety and welfare. The public has a right to know about any funding, acquisition, or use of military equipment by local government officials, as well as a right to participate in any government agency’s decision to fund, acquire, or use such equipment. Decisions regarding whether and how military equipment is funded, acquired, or used should give strong consideration to the public’s welfare, safety, civil rights, and civil liberties, and should be based on meaningful public input. The members of this office will comply with the provisions of Government Code § 7070, et. seq. with respect to military equipment.

PURPOSE AND SCOPE

The purpose of this policy is to provide rules for the approval, acquisition, use, and reporting requirements of military equipment, as outlined in Government Code § 7070, et. seq., in order to safeguard the public’s welfare, safety, civil rights, and civil liberties.

DEFINITIONS

The definitions related to this policy are defined in Government Code § 7070.

Governing body – The elected or appointed body that oversees the Office, which is the County of Santa Clara Board of Supervisors [Government Code § 7070(a)].

Law Enforcement Agency – Among other entities encompassed, a Sheriff’s Office [Government Code § 7070(b)(2)].

Military equipment – Defined military equipment includes, but not limited to, the following [Government Code § 7070(c)(1)-(15)]:

1. Unmanned, remotely piloted, powered aerial or ground vehicles.
2. Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers. However, police versions of standard consumer vehicles are specifically excluded from this subdivision.
3. High mobility multipurpose wheeled vehicles (HMMWV), commonly referred to as Humvees, two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached. However, unarmored all-terrain vehicles (ATVs) and motorized dirt bikes are specifically excluded from this subdivision.
4. Tracked armored vehicles that provide ballistic protection to their occupants and utilize a tracked system instead of wheels for forward motion.
5. Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units.
6. Weaponized aircraft, vessels, or vehicles of any kind.
7. Battering rams, slugs, and breaching apparatuses that are explosive in nature. However, items designed to remove a lock, such as bolt cutters, or a handheld ram designed to be operated by one person, are specifically excluded from this subdivision.
8. Firearms of .50 caliber or greater. However, standard issue shotguns are specifically excluded from this subdivision.
9. Ammunition of .50 caliber or greater. However, standard issue shotgun ammunition is specifically excluded from this subdivision.
10. Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in § 30510 and §30515 of the Penal Code, with the exception of standard issue service weapons and ammunition of less than .50 caliber that are issued to officers, agents, or employees of a law enforcement agency or state agency.
11. Any firearm or firearm accessory that is designed to launch explosive projectiles.
12. “Flashbang” grenades and explosive breaching tools, “tear gas,” and “pepperballs,” excluding standard, service-issued handheld pepper spray.
13. Taser Shockwave, microwave weapons, water cannons, and Long Range Acoustic Devices (LRADs).

14. The following projectile launch platforms and their associated munitions: 40mm projectile launchers, “bean bag,” rubber bullet, and specialty impact munition (SIM) weapons
15. Any other equipment as determined by a governing body or a state agency to require additional oversight.

MILITARY EQUIPMENT COORDINATOR

The Sheriff shall designate a member of this office to act as the military equipment coordinator. The responsibilities of the military equipment coordinator include but are not limited to:

1. Acting as liaison to the governing body for matters related to the requirements of this policy.
2. Identifying equipment that qualifies as military equipment in the current possession of the Sheriff’s Office, or the equipment the Sheriff’s Office intends to acquire that requires approval by the governing body.
3. Conducting an inventory of all military equipment at least annually.
4. Collaborating with any allied agencies that may use military equipment within the jurisdiction of Santa Clara County Sheriff’s Office (Government Code § 7071).
5. Preparing for, scheduling, and coordinating the annual community engagement meeting to include:
 - a. Publicizing the details of the meeting.
 - b. Preparing for public questions regarding the Sheriff’s Office funding, acquisition, and use of equipment.
6. Preparing the annual military equipment report for submission to the governing body and ensuring that the report is made available on the Sheriff’s Office website (Government Code § 7072).

APPROVAL FOR FUNDING, ACQUISITION, AND USE

The Sheriff or authorized designee shall obtain approval from the governing body by way of an ordinance adopting the military equipment policy. As part of the approval process, the Sheriff or the authorized designee shall ensure the proposed military equipment policy is submitted to the governing body and shall make the proposed policy available on the office website at least 30 days prior to any public hearing concerning the military equipment at issue. The military equipment policy must be approved by the governing body prior to engaging in any of the following

[Government Code § 7071]:

1. Requesting military equipment made available pursuant to 10 USC § 2576a.
2. Seeking funds for military equipment including, but not limited to, applying for a grant, soliciting or accepting private, local, state, or federal funds, in-kind donations, or other donations or transfers.
3. Acquiring military equipment either permanently or temporarily, including by borrowing or leasing.
4. Collaborating with another law enforcement agency in the deployment or other use of military equipment within the jurisdiction of this office.
5. Using any new or existing military equipment for a purpose, in a manner, or by a person not previously approved by the governing body.
6. Soliciting or responding to a proposal for, or entering into an agreement with, any other person or entity to seek funds for, apply to receive, acquire, use, or collaborate in the use of military equipment.
7. Acquiring military equipment through any means not provided above.

Notwithstanding the above, the Sheriff's Office may acquire military equipment without first obtaining Board approval in the following situations:

1. In the event of an emergency, the Sheriff's Office may acquire additional stock of approved military equipment without Board approval only if the Sheriff determines that doing so is necessary to respond to the emergency.
2. If there is an unanticipated exhaustion or reduction in the stock of ammunition, flash bangs, or chemical agents covered by this policy that would impair the Sheriff's Office's ability to maintain essential public safety functions or ensure the safety and security of the jails, the Sheriff's Office may acquire the minimum additional stock necessary to maintain these functions until Board approval can be obtained. This exception applies only to ammunition, flash bangs, or chemical agents, and does not permit the Sheriff's Office to acquire any other military equipment without prior Board approval.

MILITARY EQUIPMENT USE CONSIDERATIONS

Military equipment shall only be used by a Sheriff's Office employee and only after applicable training, including any course required by the Commission on Peace Officer Standards and Training (POST) has been completed, unless exigent circumstances arise. The military equipment acquired and authorized by the Santa Clara County Sheriff's Office is:

1. Necessary because there is no reasonable alternative that can achieve the same

objective of officer and civilian safety.

2. Reasonably cost effective compared to available alternatives that can achieve the same objective of officer and civilian safety.

The use of items of military equipment listed in this policy is referenced in Sheriff's Office General Order #12.00 [Use of Force], #12.02 [Use of Firearms], #12.04 [Use of Less Lethal Munitions], #13.05 [Sheriff's Command Vehicle], #13.07 [Armored Rescue Vehicle], #17.03 [Demonstrations and Civil Disorders], #19.02 [Sheriff's Emergency Response Team], the Custody Use of Force Policy #9.01, the Custody Use of Force Investigation, Reporting and Review Policy #9.02, and the Custody De-Escalation Policy #9.04. These policies, as well as associated trainings, outline common situations in which military equipment may be deployed to de-escalate and bring incidents under control. However, in recognition of the reality that emergency situations may present unique facts and circumstances and may be rapidly evolving, these policies do not offer a comprehensive list of each and every potential scenario where military equipment may be deployed. Nevertheless, in every instance, deployment of military equipment must comply with the legal and policy parameters described in these policies, including, but not limited to, the use of reasonable and proportional force, the use of de-escalation and alternatives to force where feasible, the limits on the less-lethal weapons in crowd control settings, and other requirements described in these policies and in compliance with legislation. The referenced policies are available to the public on the Santa Clara County Sheriff's Office webpage (<https://countysheriff.sccgov.org/about-us/so-policies-procedures>).

MILITARY EQUIPMENT REPORTING

Upon approval of a military equipment policy, the Sheriff or the authorized designee shall submit a military equipment report to the governing body for each type of military equipment approved within one year of approval, and annually thereafter for as long as the military equipment is available for use [Government Code § 7072].

1. The Sheriff's Office shall also make each annual military equipment report publicly available on its internet website for as long as the military equipment is available for use.
2. The annual military equipment report shall, at a minimum, include the following information for the immediately preceding calendar year for each type of military equipment:
 - a. A summary of how the military equipment was used and the purpose of its use.
 - b. A summary of any complaints or concerns received concerning the military equipment.
 - c. The results of any internal audits, any information about violations of the military equipment use policy, and any actions taken in response.

- d. The total annual cost for each type of military equipment, including acquisition, personnel, training, transportation, maintenance, storage, upgrade, and other ongoing costs, and from what source funds will be provided for the military equipment in the calendar year following submission of the annual military equipment report.
- e. The quantity possessed for each type of military equipment.
- f. If the Sheriff's Office intends to acquire additional military equipment in the next year, the quantity sought for each type of military equipment.

COMMUNITY ENGAGEMENT

Within 30 days of submitting and publicly releasing the annual report, the Sheriff's Office shall hold at least one well-publicized and conveniently located community engagement meeting, at which the Sheriff's Office should discuss the report and respond to public questions regarding the funding, acquisition, or use of military equipment.

COORDINATION WITH OTHER JURISDICTIONS

Military equipment used by any member of the Sheriff's Office shall be approved for use and in accordance with this policy when used in conjunction with other jurisdictions.

When Sheriff's Office Receives Mutual Aid: When mutual aid assistance is provided in support of a Sheriff's Office incident, the Sheriff's Office shall retain full operational command and control over responding agency personnel and resources. The following guidelines will safeguard against military equipment being used during a Sheriff's Office incident in County jurisdiction that is outside the scope of approved use.

- 1. Assisting law enforcement agencies and any associated military equipment would be used under the guidelines of their respective agency policies, however, the deployment of these assets will be coordinated, directed, and managed through the Sheriff's Office Incident Commander.
- 2. The Incident Commander will make every attempt to ensure military equipment is deployed in a manner consistent with the Sheriff's Office policy and in a manner approved by the governing body through communication with assisting law enforcement liaison officers.

When Sheriff's Office Provides Mutual Aid: When the Sheriff's Office provides mutual aid assistance to another law enforcement agency, Sheriff's Office personnel and resources will be coordinated, directed, and managed through the Incident Commander for the agency of jurisdiction in conjunction with a Sheriff's Office liaison officer. The following guidelines will safeguard against prohibited uses of Sheriff's Office military equipment when providing mutual aid:

1. Sheriff's Office personnel shall adhere to Sheriff's Office policies on the use of military equipment and the other associated policies (Use of Force, etc.) at all times regardless of an outside request to do so.
2. Sheriff's Office personnel and military equipment shall not be used if the mutual aid request is in violation of Sheriff's Office policies.
3. A Sheriff's Office liaison officer will be assigned and remain with the allied agency's Incident Commander for the duration of the involvement by the Sheriff's Office.
4. The liaison officer will assist with the coordination of assets and maintain a level of oversight with respect to Sheriff's Office policies.

Use of Military Equipment Not Possessed by the Sheriff's Office: There may be instances where the Sheriff's Office may need the assistance of military equipment not currently possessed by the Sheriff's Office in order to limit safety risks to both the public and deputies in an emergency situation. Additionally, the assistance of certain equipment can help mitigate liability on behalf of the Sheriff's Office and County by minimizing or limiting potential force encounters. One such example is that the Sheriff's Office does not currently possess unmanned aerial vehicles (UAV). This particular military equipment is a benefit as it can assist in searching an area for a wanted or violent subject where the Sheriff's Office would otherwise have to deploy deputies and apprehension canines to search for a suspect and potentially escalating the situation into a force encounter. The following guidelines will safeguard against blatant misuse of military equipment not currently possessed by or authorized for use by the Sheriff's Office:

1. The Sheriff's Office will not employ the assistance of such equipment solely as a work around to avoid governing body approval but may do so as a resource in seeking a quick resolution to a rapidly evolving emergency situation.
2. The request for assistance of such equipment shall be made through a field supervisor or watch commander.
3. The nature and circumstances of the crime shall be taken into consideration prior to making any request to weigh the use of equipment not covered in this policy against public safety concerns.
4. Sheriff's Office personnel shall not operate any military equipment not outlined in this policy and a liaison shall be assigned to the assisting agency in their deployment military equipment.
5. In every instance, deployment of military equipment must comply with the legal and policy parameters described in this policy, including, but not limited to, the use of reasonable and proportional force, the use of de-escalation and alternatives to force where feasible, the limits on the less-lethal weapons in crowd control settings, and other requirements described in these policies and in compliance with legislation.

INQUIRY AND COMPLAINT PROCESS

Inquiries can be made the following ways:

1. In person at Sheriff's Office Headquarters or at any substation.
2. By telephone to the Sheriff's Office at (408) 808-4400.
3. By email at militaryequipmentinquiries@shf.sccgov.org.
4. By mail to:

Santa Clara County Sheriff's Office
Re: Military Equipment Coordinator
55 W. Younger Ave
San Jose, CA 95110

General questions or concerns will be routed to the Military Equipment Coordinator for response within 30 days. The Military Equipment Coordinator shall track all inquiries and responses for inclusion into the Military Equipment Report.

A complaint or allegation of misconduct by any member of the Santa Clara County Sheriff's Office related to the use of military equipment can be made in the following ways:

1. In person at Sheriff's Office Headquarters or at any substation.
2. By telephone to the Sheriff's Office Internal Affairs Unit at (408) 918-9000.
3. By mail to the Sheriff's Office Internal Affairs Unit at:

Santa Clara County Sheriff's Office
Attn: Internal Affairs Unit
2460 N. First Street, Suite 280
San Jose, CA 95131

4. Via the online Internal Affairs Unit Complaint Form at:

<https://countysheriff.sccgov.org/internal-affairs-unit-complaint-form>

The Sheriff's Office will investigate any incidents of noncompliance with the Military Equipment Use Policy. The Military Equipment Coordinator will conduct annual inspection to ensure the Military Equipment Use Policy is followed and the items listed in the Military Equipment Report

are utilized within policy and in accordance with applicable laws. Any violation of policy or law will be investigated accordingly and reported in the annual Military Equipment Use Report.

MECHANISMS TO ENSURE COMPLIANCE

The Sheriff's Office has the following internal and external mechanisms in place to ensure compliance with Departmental policy and the law:

1. Division commanders will be tasked with auditing the use of military equipment by their staff to ensure compliance.
2. The Sheriff's Office has consistently had a means for the public to submit questions or complaints which are outlined in the inquiry and complaint process above. Allegations of misconduct are objectively investigated by the Internal Affairs Division and can potentially lead to employee discipline up to and including termination depending on the findings.
3. The Office of Corrections and Law Enforcement Monitoring (OCLEM) may review reports and offer opinions.
4. The Sheriff's Office will submit findings in its annual report to the Board of Supervisors.
5. Current legislation (SB2) establishes a process for the California Peace Officers Standards and Training (POST) to decertify peace officers found culpable of serious misconduct including, but not limited to, physical abuse and/or excessive force.

MILITARY EQUIPMENT INVENTORY

The following is the current qualifying list of equipment utilized by the Sheriff's Office. The Office does not currently possess controlled or prohibited equipment acquired from the United States military. Instead, the Office's current inventory consists of commercially available equipment or military equipment modified for law enforcement uses. Please refer to the attached lists:

- Appendix A – Military Equipment List (Enforcement Bureau)
- Appendix B – Military Equipment List (Custody Bureau)
- Appendix C – Military Equipment List (Stanford University)



**LAURIE SMITH
SHERIFF**



Appendix A

Santa Clara County Sheriff's Office

Enforcement Bureau Military Equipment List

The following list contains the inventory of equipment in the possession of the Santa Clara County Sheriff's Office Enforcement Bureau as of March 18, 2022, that qualifies as military equipment under state law. Although specific manufacturers are listed for certain equipment below, the Sheriff's Office may acquire substantially identical equipment from a different manufacturer for the same purpose and authorized use and subject to the same restrictions and training requirements. This list shall be updated, and Board approval sought as required by Gov. Code § 7071, in the event that the Sheriff's Office acquires new or additional equipment or if the uses or training requirements for existing equipment change.

1. **ROBOTS (CATEGORY 1):**

a. **Quantity, Description, Capabilities, and Purchase Cost:**

- i. **Remotec Andros Mark VI F6B (1997);** Cost: \$131,400; Quantity: 1.
The Remotec Andros Mark VI F6B is a remote operated medium-large sized bomb disposal robot with a manipulator capable of confronting improvised explosive devices (IED), vehicle borne improvised explosive devices (VBIED), and large vehicle borne improvised explosive devices (LVBIED).
- ii. **Remotec Mini-Andros II (2004);** Cost: \$151,790; Quantity: 1.
The Remotec Mini-Andros II is a remote operated medium sized bomb disposal robot with a manipulator capable of confronting improvised explosive devices (IED).
- iii. **Qinetiq Dragon Runner 20 (2012);** Cost: \$30,000; Quantity: 1.
The Qinetiq Dragon Runner 20 is a remote operated short-range, small bomb disposal robot with a manipulator capable of confronting improvised explosive devices (IED).
- iv. **Remotec Spartan (*Purchase-Pending BOS Approval*);** Cost: \$465,000; Quantity: 1.
The Remotec Spartan is a remote operated medium-large sized bomb disposal robot with a manipulator capable of confronting improvised explosive devices (IED), vehicle borne improvised explosive devices (VBIED) and large vehicle borne improvised explosive devices (LVBIED). *If approved by the BOS, this robot will be purchased using State Homeland Security Grant Program funds.*

b. **Purpose:**

The Sheriff's Office Bomb Squad utilizes bomb disposal robots to complete tasks in environments hazardous to human life. Generally, items believed to contain explosive devices, explosive materials, hazardous materials or anything thought to be dangerous are confronted with bomb disposal robots as they are operated remotely and greatly enhance the safety of citizens and law enforcement officers. A supplemental use of the bomb disposal robots is to deploy them in critical incidents and/or diffuse potentially deadly situations.



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c. **Authorized Use and Training:**

The use of the bomb disposal robots shall be limited to Sheriff's Bomb Squad members and in a manner consistent with Departmental policy and training. The bomb disposal robots are primarily used to mitigate and/or render safe vehicle and large vehicle borne improvised explosive devices (VBIED and LBIED), mitigate and/or render safe any suspicious packages, bombs, or improvised explosive devices (IED); mitigate and/or render safe any homemade explosives (HME), explosive mixture or compound; enter, observe or mitigate dangerous situations where the environment is unsafe due to chemical, biological or other hazardous circumstances or hazardous materials release; observe and/or locate suspects/terrorists donning a suicide bomber vest or other explosive materials;

Other authorized uses of the bomb disposal robots shall again be limited to Sheriff's Bomb Squad members to respond to an incident or event involving potential confrontation of armed suspects; assist with search-and-rescue operations; gather intelligence and/or communicate with a barricaded suspect; during the execution of a high-risk search warrant to gather intelligence; gather intelligence and/or communicate with subjects in a hostage situation; gather intelligence in fortified locations; locate and/or gather intelligence related to a suspect in hiding; to gather intelligence during violent critical incidents including an active shooter scenario; any incident or event involving the potential confrontation of armed suspects; assisting the Crisis Negotiations Team (CNT) with establishing and maintaining communication between a Crisis Negotiator and a victim, suspect, or other involved party to de-escalate a crisis incident;

Initial training on these bomb disposal robots is typically provided by the vendor at the time of purchase. Additional on the job training is passed down from unit members and in joint trainings with other area bomb teams. These bomb disposal robots are industry standard and many of the other bomb teams have the same or similar units.

The Sheriff's Office has a Board approved Surveillance Use Policy for the use of all bomb disposal robots under the Santa Clara County Surveillance-Technology and Community-Safety Ordinance . Additionally, the Sheriff's Office has an approved Surveillance Use Policy for the VIP Gander and Mini Gander camera attachments for the bomb disposal robots.

d. **Expected Lifespan:**

The lifespan of a particular bomb disposal robot depends on a number of factors including, but not limited to, frequency of use, proper maintenance, technological advances, manufacturer support and availability of replacement parts. The typical lifespan is 10-15 years. Staff have been able to maintain this equipment and all of the bomb disposal robots currently remain operational, but the oldest robots should be replaced in the near future to ensure that the intended use and



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public safety protections that this technology provides remain available. bomb disposal robots, in general, will be a necessary requirement indefinitely as they are required safety equipment for bomb squads and part of FEMA national typing of bomb squads under NIMS/SIMS.

e. **Fiscal Impact:**

There are no recurring annual costs associated to the operation of the bomb disposal robots, however, a bomb disposal robot occasionally experiences damage requiring repairs outside of the ability of staff and specialized repair costs are incurred.

2. **ARMORED PERSONNEL CARRIERS (CATEGORY 2):**

a. **Quantity, Description, Capabilities, and Purchase Cost:**

i. **Lenco Bearcat G3 (2009); Cost: \$310,000; Quantity: 1.**

The Lenco BearCat is an armored transport vehicle with an open floorplan that allows for the rescue of citizens and law enforcement officers and/or provide protection to perform life saving measures during active critical incidents. The BearCat is designed to withstand a variety of projectiles and provides greater safety to law enforcement officers than the protection level of ballistic shields and personal body armor during critical incidents or dangerous planned operations. This BearCat is specifically designed and outfitted to operate in rural settings. It is equipped with emergency lights, siren, and a public address system. The BearCat is a regional mutual aid asset specifically awarded to benefit south Santa Clara County.

ii. **Chevrolet Suburban 4WD 2500 (1998); Cost: \$109,361; Quantity 1.**

The Chevrolet Suburban is an armored sport utility vehicle with a large cargo area behind the rear passenger bench that allows for the transportation of equipment and/or the extraction of severely injured citizens and law enforcement officers from active critical incidents. The Chevrolet Suburban is outfitted with armor to stop a variety of projectiles and provides greater safety to law enforcement officers than the protection level of ballistic shields and personal body armor during critical incidents or dangerous planned operations.

b. **Purpose:**

To be used in response to critical incidents or dangerous planned operations to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

c. **Authorized Use and Training:**



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The use of armored rescue vehicles shall only be authorized by a patrol watch commander or the Sheriff's Emergency Response Team (SERT) commander based on the specific circumstances of a given critical incident. Armored rescue vehicles shall be used only by deputies trained in their deployment and in a manner consistent with Departmental policy and training. The driver of the vehicle shall have a valid California Driver License and County Driver Permit. The use of Sheriff's Office armored rescue vehicles is outlined in Sheriff's Office General Order #13.07 [Armored Rescue Vehicle].

d. **Expected Lifespan:**

- i. Lenco BearCat: 25 years.
- ii. Chevrolet Suburban: Per FAF, vehicle is past due for replacement.

e. **Fiscal Impact:**

- i. Lenco BearCat: annual maintenance cost is approximately \$1,000.
- ii. Chevrolet Suburban: annual maintenance cost is approximately \$4,050.

3. **COMMAND & CONTROL VEHICLES (CATEGORY 5):**

a. **Quantity, Description, Capabilities, and Purchase Cost:**

- i. **SERT Tactical Command Post (2006);** Cost: \$228,482; Quantity: 1.
The Sheriff's Emergency Response Team's (SERT) Tactical Command Post (TCP) serves as a mobile command and control center for tactical operations to include tactical radio operations. TCP also serves as a tactical equipment storage and transportation vehicle for SERT personnel.
- ii. **Mobile Command Post (*Purchase Pending BOS Approval*);** Cost: \$450,000; Quantity: 1.
The Mobile Command Post will be primarily used as a mobile office and shelter during prolonged critical incidents to aid in the command, control, and deployment of personnel. Should this vehicle be approved, it would be outfitted with equipment including, but not limited to, a communications (radio) console and accessories, a large monitor to display live incident updates and tactical considerations, a boom camera for operational security, a conference table, several workstations, chairs, and storage space. *If approved by the BOS, this Mobile Command Post will be purchased using State Homeland Security Grant Program funds.*



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b. **Purpose:**

The SERT Tactical Command Post is generally utilized for SERT/Crisis Negotiation operations and the proposed Mobile Command Post would be primarily used as a mobile office for law enforcement ran major critical incidents, however, they can be deployed to assist in other significant incidents such as fires, natural disasters, and mutual aid requests as needed.

c. **Authorized Use and Training:**

The Command Posts shall be used by deputies trained in its deployment and in a manner consistent with Department policy and training. The driver of the vehicle shall have a valid California Driver License and County Driver Permit. The use of Sheriff's Office Command Vehicles is outlined in Sheriff's Office General Order #13.05 [Sheriff's Office Command Vehicle].

The Command Posts themselves do not fall under the purview of the County Surveillance Ordinance, they can be outfitted with technology that does meet that criteria. For instance, the SERT Tactical Command Post is outfitted with a boom camera that was utilized for site security and operational intelligence. The technology was reported in the approved Sheriff's Office Command Vehicle Surveillance Use Policy. Unfortunately, the technology has become obsolete and the Sheriff's Office is in the process of identifying a suitable replacement/retrofit. Once that equipment is identified, the Sheriff's Office will seek approval of a new Surveillance Use Policy that identifies the new technology and replaces the existing policy.

d. **Expected Lifespan:**

- i. SERT Tactical Command Post: 25 years.
- ii. Mobile Command Post: 25 years.

e. **Fiscal Impact:**

- i. SERT Tactical Command Post: annual maintenance cost is about \$1,500.
- ii. Mobile Command Post: annual maintenance cost would be about \$1,500.

4. **SPECIALIZED FIREARMS & AMMUNITION (CATEGORY 10):**

a. **Quantity, Description, Capabilities, and Purchase Cost:**

- i. **Colt AR-15 (.223);** Cost: \$1,700/rifle; Quantity: 249
The Colt AR-15 carbine rifle is a specialized firearm carried by deputies in field assignments and members of special teams to enhance the safety of citizens and law



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enforcement. Carbine rifles are lightweight, air-cooled, gas operated, magazine fed, shoulder fired weapons designed for semi-automatic and selective fire. The .223 cartridge is used as a lethal option designed to stop a violent encounter with greater accuracy from longer distances and is capable of penetrating soft body armor.

- ii. **Colt 11.5" Carbine LE6943 (.223)**; Cost: \$1,935/rifle; Quantity: 23
The Colt LE6943 carbine rifle is a specialized firearm carried exclusively by SERT members in tactical operations involving a heightened threat of violence and/or known weapons. These carbine rifles are also lightweight, air-cooled, gas operated, magazine fed, shoulder fired weapons designed for semi-automatic & selective fire. The .223 cartridge is used as a lethal option designed to stop a violent encounter with greater accuracy from longer distances and is capable of penetrating soft body armor.
- iii. **Accuracy International Bolt Action Rifle (.338)**; Cost: \$12,000/rifle; Quantity: 2
The Accuracy International Bolt Action Rifle is a specialized firearm chambered for .338 ammunition. These rifles are carried exclusively by the SERT sniper team and are designed for precision shooting and expert marksmanship from long distances during tactical operations.
- iv. **Accuracy International Bolt Action Rifle (.308)**; Cost: \$9,000/rifle; Quantity: 6
The Accuracy International Bolt Action Rifle is a specialized firearm chambered for .308 ammunition. These rifles are carried exclusively by the SERT sniper team and are designed for precision shooting and expert marksmanship from long distances during tactical operations.
- v. **Mossberg 590A1 Breaching Shotgun**; Cost: \$1,000/shotgun; Quantity: 8
The Mossberg 590A1 is the agency's standard issued shotgun that has been modified specifically to be used as a breaching shotgun carried solely by SERT personnel. The purpose of this tool is to defeat metal doors, heavy locks, hinges, and dead-bolts in situations where immediate entry into a structure or dwelling is necessary.
- vi. **Mossberg 590A1 Chemical Munitions Shotgun**; Cost: \$1,000/shotgun; Quantity: 2
The Mossberg 590A1 is the agency's standard issued shotgun that has been modified specifically to be used to deploy chemical munitions and is carried solely by SERT personnel. The purpose of this tool is to deny a designated area to gain compliance of or disorient a suspect during a tactical operation.
- vii. **Speer .223 62-Grain Gold Dot**; Cost: \$250/500 round case; Quantity: 112,500 rounds
The Speer .223 62-Grain Gold Dot cartridge is the duty ammunition deployed during potential lethal encounters.



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- viii. **PMC .223 55-Grain FMJ-BT**; Cost: \$356/1000 round case; Quantity: 235,000 rounds
The PMC .223 55-Grain cartridge is the practice ammunition used for the carbine rifles.
- ix. **Hornady 308 Win 155-Grain ELD Match**; Cost: \$340/200 round case; Quantity: 4,200 rounds
The Hornady 308 Win 155-Grain ELD Match cartridge is the current duty ammunition used with the .308 bolt action rifles in potential lethal encounters during tactical operations. This ammunition is capable of penetrating soft body armor worn by armed suspects.
- x. **Federal 308 Win 168-Grain Match King**; Cost: \$399/500 round case; Quantity: 2,000 rounds
The Federal 308 Win 168-Grain Match King cartridge was the former duty ammunition used with the .308 bolt action rifles. The remaining stock is left over from when the sniper team transitioned to the Hornady cartridge and is used as training ammunition.
- xi. **Federal 308 Win 168-Grain Bonded Tip**; Cost: \$269/200 round case; Quantity: 3,600 rounds
The Federal 308 Win 168-Grain bonded tip cartridge is a specialty ammunition used with the .308 bolt action rifles in potential lethal encounters during tactical operations. This ammunition is specifically designed to defeat barriers with minimal deflection.
- xii. **SWISS P Styx Action .338 Lapua 247-Grain**; Cost: \$95/20 round box; Quantity: 60 rounds
The SWISS P Styx Action .338 Lapua 247-Grain cartridge is a specialty ammunition used with the .338 bolt action rifles specifically designed for sniper elements requiring precision accuracy and marksmanship at long ranges during tactical operations.
- xiii. **SWISS P Armor Piercing .338 Lapua 260-Grain**; Cost: \$95/20 round box; Quantity: 120 rounds
The SWISS P Armor Piercing .338 Lapua 260-Grain cartridge is a specialty ammunition used with the .338 bolt action rifles specifically designed for sniper elements requiring precision accuracy and marksmanship at long ranges. The purpose of this ammunition is to defeat armor or disable vehicles with minimal deflection during tactical operations.
- xiv. **Royal Arms International Tesar #1 275-Grain**; Cost: \$30/5 round box; Quantity: 250 rounds
The Royal Arms International Tesar #1 275-Grain breaching shotgun cartridge is a specialty ammunition used with the Mossberg 590A1 breaching shotgun during tactical operations. The purpose of this ammunition is to defeat metal doors, heavy locks, hinges, and dead bolts.



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- xv. **Royal Arms International Tesar #2 425-Grain**; Cost: \$30/5 round box; Quantity: 250 rounds
The Royal Arms International Tesar #2 425-Grain breaching shotgun cartridge is a specialty ammunition used with the Mossberg 590A1 breaching shotgun during tactical operations. The purpose of this ammunition is to defeat metal doors, heavy locks, hinges, and dead bolts.
- xvi. **Royal Arms International Tesar #4 750-Grain**; Cost: \$30/5 round box; Quantity: 0 rounds
The Royal Arms International Tesar #4 750-Grain breaching shotgun cartridge is a specialty ammunition used with the Mossberg 590A1 breaching shotgun during tactical operations. The purpose of this ammunition is to defeat metal doors, heavy locks, hinges, and dead bolts. The Sheriff's Office typically keeps this ammunition in inventory, but does not currently have any available for field use.
- xvii. **Royal Arms International Hollow Point Rebar Cutter 450-Grain**; Cost: \$30/5 round box; Quantity: 0 rounds
The Royal Arms International Hollow Point Rebar Cutter 450-Grain breaching shotgun cartridge is a specialty ammunition used with the Mossberg 590A1 breaching shotgun during tactical operations. The purpose of this ammunition is to cut re-bar, penetrates security glass, car doors, punches into engine blocks. The Sheriff's Office typically keeps this ammunition in inventory, but does not currently have any available for field use.
- xviii. **Royal Arms International Flash Bang 82-Grain**; Cost: \$30/5 round box; Quantity: 0 rounds
The Royal Arms International Flash Bang 82-Grain breaching shotgun cartridge is a specialty ammunition used with the Mossberg 590A1 breaching shotgun during tactical operations. The purpose of this ammunition is to cut re-bar, penetrates security glass, car doors, punches into engine blocks. The Sheriff's Office typically keeps this ammunition in inventory, but does not currently have any available for field use.
- xix. **CTS Model 2595 Muzzle Bang 12 GA**; Cost: \$188/25 round box; Quantity: 0 rounds
The Combined Tactical Systems (CTS) Model 2595 Muzzle Bang 12 Gauge shotgun cartridge is a specialty ammunition used with the Mossberg 590A1 during tactical operations. The purpose of this ammunition is to deploy chemical munitions from the Mossberg 590A1 Chemical Munitions Shotgun. The Sheriff's Office typically keeps this ammunition in inventory, but does not currently have any available for field use.
- xx. **SWISS P .308 Win Styx 167-Grain**; Cost: \$52/20 round box; Quantity: 60 rounds



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The SWISS P.308 Win Styx 167-Grain cartridge is a specialty ammunition used with the .308 bolt action rifles specifically designed for sniper elements requiring precision accuracy and marksmanship at long ranges during tactical operations.

- xxi. **SWISS P .308 Win AP 196-Grain**; Cost: \$95/20 round box; Quantity: 60 rounds
The SWISS P.308 Win AP 196-Grain cartridge is a specialty ammunition used with the .308 bolt action rifles specifically designed for sniper elements requiring precision accuracy and marksmanship. The purpose of this ammunition is to defeat armor or disable vehicles with minimal deflection during tactical operations.
- xxii. **SWISS P .308 Win Tactical 163-Grain**; Cost: \$125/20 round box; Quantity: 60 rounds
The SWISS P.308 Win Tactical 196-Grain cartridge is a specialty ammunition used with the .308 bolt action rifles specifically designed for sniper elements requiring precision accuracy and marksmanship. The purpose of this ammunition is specifically designed to defeat barriers, such as glass, with minimal deflection during tactical operations.
- xxiii. **SWISS P Tactical .338 Lapua 250-Grain**; Cost: \$99/20 round box; Quantity: 600 rounds
The SWISS P Tactical .338 Lapua 250-Grain cartridge is a specialty ammunition used with the .338 bolt action rifles specifically designed for sniper elements requiring precision accuracy and marksmanship shooting through intermediate barriers at long ranges during tactical operations.
- xxiv. **SWISS P Target .338 Lapua 250-Grain**; Cost: \$92/20 round box; Quantity: 1200 rounds
The SWISS P Target .338 Lapua 250-Grain cartridge is a specialty ammunition used with the .338 bolt action rifles specifically designed for sniper elements requiring precision accuracy and marksmanship shooting at long ranges during tactical operations.

b. **Purpose:**

The patrol AR-15 rifles are to be used as precision weapons to address a violent and/or armed threat with greater precision and/or at greater distances than a handgun, if necessary and feasible. The other specialized rifles are exclusively used by SERT personnel during tactical operations as precision weapons to address a violent and/or armed threat with greater precision and/or at greater distances than a handgun, if necessary and feasible. The breaching shotgun is a specialized entry tool exclusively utilized by highly trained SERT personnel to effectuate a forced entry into a structure or dwelling as part of a tactical operation under instruction of a Court Order or exigent circumstances exist to protect life.



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c. **Authorized Use and Training:**

- i. The Colt AR-15 semi-automatic carbine rifle has been the primary rifle utilized by patrol deputies and other enforcement divisions within the Sheriff's Office. The Colt AR-15 semi-automatic carbine rifle is considered an entry level and standard issue once a deputy completed a California Peace Officer Standards and Training (POST) rifle course; however, in an abundance of caution, the Sheriff's Office is reporting these rifles as military equipment. The issuance and use of these firearms are outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.01 [Firearm Issuance and Training], and #12.02 [Use of Firearms].
- ii. The Colt LE6943 semi-automatic carbine rifle is exclusively used by members of the Sheriff's Emergency Response Team (SERT) for tactical operations. A California Peace Officer Standards and Training (POST) rifle course must be completed for issuance of the Colt LE6943 semi-automatic carbine rifle to a SERT member. Once this weapon is assigned, the SERT member is required to attend a POST certified tactical rifle course to gain knowledge and skills specific to this short-barreled rifle pursuant to California Penal Code section 33220(b). The use of these firearms is outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.02 [Use of Firearms], and #19.02 [Sheriff's Emergency Response Team].
- iii. The Accuracy International .338 bolt action rifle is exclusively used by members of the Sheriff's Emergency Response Team (SERT) sniper team for tactical operations. A California Peace Officer Standards and Training (POST) sniper course will be completed prior to the issuance the Accuracy International .338 bolt action rifle to a sniper team member and authorized for use. The use of these firearms is outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.02 [Use of Firearms], and #19.02 [Sheriff's Emergency Response Team].
- iv. The Accuracy International .308 bolt action rifle is exclusively used by members of the Sheriff's Emergency Response Team (SERT) sniper team for tactical operations. A California Peace Officer Standards and Training (POST) sniper course will be completed prior to the issuance the Accuracy International .308 bolt action rifle to a sniper team member and authorized for use. This rifle is designed for precision shooting and expert marksmanship. The use of these firearms is outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.02 [Use of Firearms], and #19.02 [Sheriff's Emergency Response Team].
- v. The Mossberg 590A1 breaching shotgun is exclusively used by members of the Sheriff's Emergency Response Team (SERT) for tactical operations. A specialty breaching course must be completed for issuance of this shotgun to a SERT member. Once this weapon is



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assigned, the SERT member is required to attend a basic school to learn knowledge and skills specific to this weapon system. The use of these firearms is outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.02 [Use of Firearms], and #19.02 [Sheriff's Emergency Response Team].

- vi. The Mossberg 590A1 chemical munitions shotgun is exclusively used by members of the Sheriff's Emergency Response Team (SERT) for tactical operations. Once this weapon is assigned, the SERT member is required to attend a basic school to learn knowledge and skills specific to this weapon system and on-going training will be. The use of these firearms is outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.02 [Use of Firearms], and #19.02 [Sheriff's Emergency Response Team].

d. **Expected Lifespan:**

- i. Colt AR-15 (.223)* - No Expiration
- ii. Colt 11.5" Carbine LE6943 (.223)* - No Expiration
- iii. Accuracy International Bolt Action Rifle (.338)* - No Expiration
- iv. Accuracy International Bolt Action Rifle (.308)* - No Expiration
- v. Mossberg 590A1 Breaching Shotgun* - No Expiration
- vi. Mossberg 590A1 Chemical Munitions Shotgun* - No Expiration
- vii. Speer .223 62-Grain Gold Dot - No Expiration
- viii. PMC .223 55-Grain FMJ-BT - No Expiration
- ix. Hornady 308 Win 155-Grain ELD Match - No Expiration
- x. Federal 308 Win 168-Grain Match King - No Expiration
- xi. Federal 308 Win 168-Grain Bonded Tip - No Expiration
- xii. SWISS P Styx Action .338 Lapua 247-Grain - No Expiration
- xiii. SWISS P Armor Piercing .338 Lapua 260-Grain - No Expiration
- xiv. Royal Arms International Tesar #1 275-Grain - No Expiration
- xv. Royal Arms International Tesar #2 425-Grain - No Expiration
- xvi. Royal Arms International Tesar #4 750-Grain - No Expiration
- xvii. Royal Arms International Hollow Point Rebar Cutter 450-Grain - No Expiration
- xviii. Royal Arms International Flash Bang 82-Grain - No Expiration
- xix. CTS Model 2595 Muzzle Bang 12 GA - No Expiration
- xx. SWISS P .308 Win Styx 167-Grain - No Expiration
- xxi. SWISS P .308 Win AP 196-Grain - No Expiration
- xxii. SWISS P .308 Win Tactical 163-Grain - No Expiration
- xxiii. SWISS P Tactical .338 Lapua 250-Grain - No Expiration
- xxiv. SWISS P Target .338 Lapua 250-Grain - No Expiration

**These weapon systems do not have expiration dates, but these will need to be serviced or replaced when an individual firearm fails or breaks*



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e. **Fiscal Impact:**

- i. Colt AR-15 (.223) - Annual cost between \$0 - \$50.
- ii. Colt 11.5" Carbine LE6943 (.223) - Annual cost between \$0 - \$1000.
- iii. Accuracy International Bolt Action Rifle (.338) - Annual cost between \$0 - \$3000.
- iv. Accuracy International Bolt Action Rifle (.308) - Annual cost between \$0 - \$8500.
- v. Mossberg 590A1 Breaching Shotgun - Annual cost between \$0 - \$500.
- vi. Mossberg 590A1 Chemical Munitions Shotgun - Annual cost between \$0 - \$500.
- vii. Speer .223 62-Grain Gold Dot - Annual cost between \$0 - \$25,000.
- viii. PMC .223 55-Grain FMJ-BT - Annual cost between \$0 - \$15,000.
- ix. Hornady 308 Win 155-Grain ELD Match - Annual cost between \$0 - \$3,500.
- x. Federal 308 Win 168-Grain Match King - Annual cost between \$0 - \$5,500.
- xi. Federal 308 Win 168-Grain Bonded Tip - Annual cost between \$0 - \$4,000.
- xii. SWISS P Styx Action .338 Lapua 247-Grain - Annual cost between \$0 - \$1000.
- xiii. SWISS P Armor Piercing .338 Lapua 260-Grain - Annual cost between \$0 - \$1,400.
- xiv. Royal Arms International Tesar #1 275-Grain - Annual cost between \$0 - \$800.
- xv. Royal Arms International Tesar #2 425-Grain - Annual cost between \$0 - \$800.
- xvi. Royal Arms International Tesar #4 750-Grain - Annual cost between \$0 - \$800.
- xvii. Royal Arms International Hollow Point Rebar Cutter 450-Grain - Annual cost between \$0 - \$800.
- xviii. Royal Arms International Flash Bang 82-Grain - Annual cost between \$0 - \$1000.
- xix. CTS Model 2595 Muzzle Bang 12 GA - Annual cost between \$0 - \$1000.
- xx. SWISS P .308 Win Styx 167-Grain - Annual cost between \$0 - \$2000.
- xxi. SWISS P .308 Win AP 196-Grain - Annual cost between \$0 - \$2000.
- xxii. SWISS P .308 Win Tactical 163-Grain - Annual cost between \$0 - \$2000.
- xxiii. SWISS P Tactical .338 Lapua 250-Grain - Annual cost between \$0 - \$2000.
- xxiv. SWISS P Target .338 Lapua 250-Grain - Annual cost between \$0 - \$2000.

5. **DIVERSIONARY DEVICES & CHEMICAL AGENTS (CATEGORY 12):**

a. **Quantity, Description, Capabilities, and Purchase Cost:**

- i. **CTS Model 7290M Flash Bang;** Cost: \$45/unit; Quantity: 212
The Combined Tactical Systems (CTS) 7290M is a single use flash-bang that emits a loud "bang" and a flash of light as a diversion.
- ii. **CTS Model 7290-2 Flash Bang;** Cost: \$45/unit; Quantity: 1
The Combined Tactical Systems (CTS) 7290-2 is a single use flash-bang that emits a thunderous "bang" and a flash of light as a diversion.
- iii. **CTS Model 7290-9 Flash Bang;** Cost: \$45/unit; Quantity: 0



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The Combined Tactical Systems (CTS) 7290-2 is a single use flash-bang that emits a thunderous “bang” and a flash of light as a diversion. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use.

- iv. **CTS Practice Flash Bang; Cost: \$51/unit; Quantity: 19**
The Combined Tactical Systems (CTS) practice flash bang is a re-useable flash-bang utilized in training such as SWAT school. The practice flash bang accepts practice fuses and has an unlimited life. The practice fuses are sold separately at \$16 a piece.
- v. **CTS Model S230 CS Smoke Grenade; Cost: \$43/unit; Quantity: 4**
The Combined Tactical Systems (CTS) Model S230 CS smoke grenade is a large diameter burning grenade that discharges a high volume of smoke and chemical agent through multiple emission ports to gain compliance from a subject(s).
- vi. **CTS Model 5210B Smoke Grenade; Cost: \$43/unit; Quantity: 2**
The Combined Tactical Systems (CTS) Model 5210B baffled white smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device.
- vii. **CTS Model 6210 Smoke Grenade; Cost: \$32/unit; Quantity: 0**
The Combined Tactical Systems (CTS) Model 6210G white smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- viii. **Defense Technology Saf-Smoke Grenade; Cost: \$45/unit; Quantity: 0**
The Defense Technology Saf-Smoke grenade is a pyrotechnic white smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- ix. **Defense Technology Saf-Smoke Pocket Tactical Grenade; Cost: \$28/unit; Quantity: 60**
The Defense Technology Saf-Smoke Pocket Tactical grenade is a smaller, lightweight version of the Saf-Smoke pyrotechnic white smoke grenade used as a diversion, for concealment or as a signaling device.
- x. **CTS Model 6210B Smoke Grenade; Cost: \$46/unit; Quantity: 0**
The Combined Tactical Systems (CTS) Model 6210B blue smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.



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- xi. **Defense Technology Blue Smoke Grenade;** Cost: \$46/unit; Quantity: 0
The Defense Technology blue smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xii. **CTS Model 6210G Smoke Grenade;** Cost: \$46/unit; Quantity: 0
The Combined Tactical Systems (CTS) Model 6210G green smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xiii. **Defense Technology Green Smoke Grenade;** Cost: \$46/unit; Quantity: 0
The Defense Technology green smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xiv. **Defense Technology Red Smoke Grenade;** Cost: \$46/unit; Quantity: 0
The Defense Technology red smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xv. **Defense Technology Triple-Chaser Smoke Grenade;** Cost: \$46/unit; Quantity: 0
The Defense Technology Triple-Chaser smoke grenade is a pyrotechnic smoke grenade consisting of 3 separate aluminum canisters pressed together with separate charges between each canister. When deployed, the grenade will separate over a broad space to give a wider area of coverage to be used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xvi. **CTS Model 5211 White Smoke Triple Phaser Grenade;** Cost: \$44/unit; Quantity: 0
The Combined Tactical Systems (CTS) Model 5211 white smoke triple phaser is a large diameter grenade consisting of 3 separate aluminum canisters pressed together with separate charges between each canister. When deployed, the grenade will separate over a broad space to give a wider area of coverage to be used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xvii. **CTS Model 8210 Tactical Smoke Grenade;** Cost: \$25/unit; Quantity: 0



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The Combined Tactical Systems (CTS) Model 8210 white smoke grenade is a pyrotechnic smoke grenade used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.

- xviii. **Defense Technology Triple-Chaser CS Grenade;** Cost: \$46/unit; Quantity: 0
The Defense Technology Triple-Chaser CS grenade is a large diameter grenade consisting of 3 separate aluminum canisters pressed together with separate charges between each canister. When deployed, the grenade will separate over a broad space to give a wider area of coverage to disperse the chemical agent to gain compliance from a subject(s). The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xix. **CTS Model 5230JL CS Smoke Grenade;** Cost: \$42/unit; Quantity: 8
The Combined Tactical Systems (CTS) Model 5230JL Jet Lite CS smoke grenade is a large diameter burning grenade designed to discharge a high volume of smoke and chemical agent rapidly through multiple emission ports to gain compliance from a subject(s). The smoke composition is formulated to burn rapidly decreasing the possibility that the grenade can be picked up and thrown back at deputies.
- xx. **CTS Model 5231 CS Smoke Grenade;** Cost: \$48/unit; Quantity: 8
The Combined Tactical Systems (CTS) Model 5231 Riot CS smoke triple phaser is a large diameter grenade consisting of 3 separate aluminum canisters pressed together with separate charges between each canister. When deployed, the grenade will separate over a broad space to give a wider area of coverage to disperse the chemical agent to gain compliance from a subject(s).
- xxi. **CTS Model 8230 CS Smoke Grenade;** Cost: \$26/unit; Quantity: 16
The Combined Tactical Systems (CTS) Model 8230 Tactical Grenade CS smoke is specifically for outdoor use that discharges a high volume of smoke and chemical agent through multiple emission ports to gain compliance from a subject.
- xxii. **CTS Model 5230B CS Smoke Grenade;** Cost: \$45/unit; Quantity: 33
The Combined Tactical Systems (CTS) Model 5230B Baffled Riot CS smoke is a pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms to gain compliance from a subject.
- xxiii. **CTS Model 6330 CS Vapor Grenade;** Cost: \$45/unit; Quantity: 10
The Combined Tactical Systems (CTS) Model 6330 CS Vapor Grenade is a unique device for delivering an invisible vapor and rendering an intense respiratory effect to a non-compliant subject.



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- xxiv. **CTS Model 6340A OC Vapor Grenade;** Cost: \$45/unit; Quantity: 12
The Combined Tactical Systems (CTS) Model 6340A OC Vapor Grenade is a unique grenade delivers an invisible OC vapor and renders an intense respiratory effect to a non-compliant subject.
- xxv. **Defense Technology Model 1092 CS Han-Ball Grenade;** Cost: \$52/unit; Quantity: 120
The Defense Technology Model 1092 CS rubber ball grenade is an outdoor use grenade expelling its CS payload in approximately 15-20 seconds.

b. **Purpose:**

Diversions devices create smoke, a brilliant flash and/or a loud sound to temporarily divert the attention of subjects in the immediate area. Diversions devices are used to distract and/or temporarily incapacitate dangerous suspects by overwhelming their senses of vision and hearing. The ensuing short-term (6-8 seconds) physiological/psychological sensory deprivation allows deputies to seize a moment of opportunity to take control of high-risk situations.

Chemical agents, which are commonly referred to as "tear gas," are used as a non-lethal de-escalation tool in many potentially violent situations including, but are not limited to, a barricaded suspect and riot dispersal. The chemical agents deployed by the Santa Clara County Sheriff's Office are CS (2-Chlorobenzylidenemalononitrile) and OC (Oleoresin Capsicum), both of which are standard across United States law enforcement.

c. **Authorized Use and Training:**

All diversions devices and chemical agents, other than standard issue personal use OC canisters, are exclusively used by members of SERT and the Crowd Control Unit to safely de-escalate and resolve critical situations such as high-risk tactical operations and riot situations. Diversions devices shall only be used by deputies that have been trained in their proper use. A California Peace Officer Standards and Training (POST) chemical agent course must be completed by the deputies charged with the deployment of chemical agents in crowd control situations pursuant to AB 48 and the use of these munitions must be in compliance with the law. The use of these tools is outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.04 [Use of Less Lethal Munitions Firearms], #17.03 [Demonstrations and Civil Disorders] and #19.02 [Sheriff's Emergency Response Team].

d. **Expected Lifespan:**

- i. CTS Model 7290M Flash Bang – 5 years
- ii. CTS Model 7290-2 Flash Bang – 5 years



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- iii. CTS Model 7290-9 Flash Bang – 5 years
- iv. Defense Technology Practice Diversionary – 5 years
- v. CTS Model S230 CS Smoke Grenade – 5 years
- vi. CTS Model 5210B Smoke Grenade – 5 years
- vii. CTS Model 6210 Smoke Grenade – 5 years
- viii. Defense Technology Saf-Smoke Grenade – 5 years
- ix. Defense Technology Saf-Smoke Pocket Tactical grenade – 5 years
- x. CTS Model 6210B Smoke Grenade – 5 years
- xi. Defense Technology Blue Smoke Grenade – 5 years
- xii. CTS Model 6210G Smoke Grenade – 5 years
- xiii. Defense Technology Green Smoke Grenade – 5 years
- xiv. Defense Technology Red Smoke Grenade – 5 years
- xv. Defense Technology Triple-Chaser smoke grenade – 5 years
- xvi. CTS Model 5211 White Smoke Triple Phaser Grenade – 5 years
- xvii. CTS Model 8210 Tactical Smoke Grenade – 5 years
- xviii. Defense Technology Triple-Chaser CS grenade – 5 years
- xix. CTS Model 5230JL CS Smoke Grenade – 5 years
- xx. CTS Model 5231 CS Smoke Grenade – 5 years
- xxi. CTS Model 8230 CS Smoke Grenade – 5 years
- xxii. CTS Model 5230B CS Smoke Grenade – 5 years
- xxiii. CTS Model 6330 CS Vapor Grenade – 5 years
- xxiv. CTS Model 6340A OC Vapor Grenade – 5 years
- xxv. Defense Technology Model 1092 CS Han-Ball Grenade – 5 years

e. **Fiscal Impact:**

- i. CTS Model 7290M Flash Bang – Annual cost between \$0 - \$2,500.
- ii. CTS Model 7290-2 Flash Bang – Annual cost between \$0 - \$500.
- iii. CTS Model 7290-9 Flash Bang – Annual cost between \$0 - \$2,500.
- iv. Defense Technology Practice Diversionary – Annual cost between \$0 - \$500.
- v. CTS Model S230 CS Smoke Grenade – Annual cost between \$0 - \$500.
- vi. CTS Model 5210B Smoke Grenade – Annual cost between \$0 - \$500.
- vii. CTS Model 6210 Smoke Grenade – Annual cost between \$0 - \$500.
- viii. Defense Technology Saf-Smoke Grenade – Annual cost between \$0 - \$500.
- ix. Defense Technology Saf-Smoke Pocket Tactical grenade – Annual cost between \$0 - \$500.
- x. CTS Model 6210B Smoke Grenade – Annual cost between \$0 - \$500.
- xi. Defense Technology Blue Smoke Grenade – Annual cost between \$0-\$500.
- xii. CTS Model 6210G Smoke Grenade – Annual cost between \$0 - \$500.
- xiii. Defense Technology Green Smoke Grenade – Annual cost between \$0-\$500.
- xiv. Defense Technology Red Smoke Grenade – Annual cost between \$0-\$500.



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- xv. Defense Technology Triple-Chaser smoke grenade – Annual cost between \$0-\$500.
- xvi. CTS Model 5211 White Smoke Triple Phaser Grenade – Annual cost between \$0 - \$500.
- xvii. CTS Model 8210 Tactical Smoke Grenade – Annual cost between \$0 - \$500.
- xviii. Defense Technology Triple-Chaser CS grenade – Annual cost between \$0 - \$500.
- xix. CTS Model 5230JL CS Smoke Grenade – Annual cost between \$0 - \$500.
- xx. CTS Model 5231 CS Smoke Grenade – Annual cost between \$0 - \$500.
- xxi. CTS Model 8230 CS Smoke Grenade – Annual cost between \$0 - \$500.
- xxii. CTS Model 5230B CS Smoke Grenade – Annual cost between \$0 - \$500.
- xxiii. CTS Model 6330 CS Vapor Grenade – Annual cost between \$0 - \$500.
- xxiv. CTS Model 6340A OC Vapor Grenade – Annual cost between \$0 - \$500.
- xxv. Defense Technology Model 1092 CS Han-Ball Grenade – Annual cost between \$0 - \$500.

6. PROJECTILE LAUNCH PLATFORMS & ASSOCIATED MUNITIONS (CATEGORY 14):

a. Quantity, Description, Capabilities, and Purchase Cost:

- i. **FN Herstal – FN 303 Launcher;** Cost: \$875/unit; Quantity: 25
The FN 303 is a less lethal force option that uses compressed air to fire projectiles from a 15-round magazine. The kinetic energy projectiles are designed to incapacitate a target without causing critical injuries and is most widely used for riot control.
- ii. **FN 303 Pava/OC Powder Projectiles;** Cost: \$2,500/600 round case; Quantity: 1,050 rounds
The Pava/OC Powder Projectiles are less lethal ammunition designed for the FN 303 launcher. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less lethal systems. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is chemical agent delivery to gain compliance of a subject.
- iii. **FN 303 Washable Paint Projectiles;** Cost: \$2,500/600 round case; Quantity: 750 rounds
The Washable Paint Projectiles are less lethal ammunition designed for the FN 303 launcher. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less lethal systems. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is marking subjects for identification with a washable colorant.
- iv. **Penn Arms 40mm Launcher;** Cost: \$785/unit; Quantity: 5



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The Penn Arms 40mm Launcher but is a single-shot less lethal system that delivers 40mm munitions from a safe distance. The Less-Lethal launcher is capable of launching 40mm munitions at a subject up to 40 yards. The Less-Lethal launcher is a single launcher, which allows the deputy to assess after every spent munition. The kinetic energy projectiles are designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The launcher is also used when it is necessary to breach glass windows or doors for access to a person in structure or vehicle in a rescue or apprehension scenario.

- v. **Lewis Machine & Tool (LMT) 40mm Launcher;** Cost: \$875/unit; Quantity: 39
The LMT 40mm Launcher is a single-shot less lethal system that delivers 40mm munitions from a safe distance. The Less-Lethal launcher is capable of launching 40mm munitions at a subject up to 40 yards. The Less-Lethal launcher is a single launcher, which allows the deputy to assess after every spent munition. The kinetic energy projectiles are designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The launcher is also used when it is necessary to breach glass windows or doors for access to a person in structure or vehicle in a rescue or apprehension scenario.
- vi. **Defense Technology 40mm Impact Sponge Baton;** Cost: \$29/unit; Quantity: 1226
The Defense Technology 40mm impact sponge baton munition is designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable.
- vii. **Defense Technology 40mm Spede-Heat OC;** Cost: \$25/unit; Quantity: 0
The Defense Technology 40mm Spede-Heat OC munition is designed to deliver a cloud of irritant to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- viii. **Defense Technology 40mm Spede-Heat CS;** Cost: \$25/unit; Quantity: 0
The Defense Technology 40mm Spede-Heat CS munition is designed to deliver a cloud of irritant to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- ix. **Defense Technology 40mm Spede-Heat Saf-Smoke;** Cost: \$25/unit; Quantity: 0
The Defense Technology 40mm Spede-Heat Saf-Smoke munition is designed to deliver a pyrotechnic smoke cannister used as a diversion, for concealment or as a signaling



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device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.

- x. **CTS Model 4530 40mm Impact CS Powder**; Cost: \$30/unit; Quantity: 23
The Combined Tactical Systems (CTS) Model 4530 40mm frangible impact munition delivers greater energy on the target with extreme accuracy and simultaneously dispersing a cloud of irritant or marking powder.
- xi. **Defense Technology 40mm Impact OC**; Cost: \$30/unit; Quantity: 0
The Defense Technology 40mm impact OC munition consists of a plastic body and crushable foam nose that contains an OC payload designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xii. **Defense Technology 40mm Impact CS**; Cost: \$30/unit; Quantity: 0
The Defense Technology 40mm impact CS munition consists of a plastic body and crushable foam nose that contains a CS payload designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xiii. **Defense Technology 40mm Muzzle Blast OC**; Cost: \$30/unit; Quantity: 0
The Defense Technology 40mm Muzzle Blast OC munition is designed for immediate and close quarters deployment of OC to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xiv. **Defense Technology 40mm Muzzle Blast CS**; Cost: \$30/unit; Quantity: 0
The Defense Technology 40mm Muzzle Blast CS munition is designed for immediate and close quarters deployment of CS to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xv. **Defense Technology 40mm Skat Shell OC**; Cost: \$30/unit; Quantity: 0
The Defense Technology 40mm Skat Shell OC munition is designed to deliver four separate sub-munitions of OC to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's



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Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.

- xvi. **Defense Technology 40mm Skat Shell CS; Cost: \$30/unit; Quantity: 0**
The Defense Technology 40mm Skat Shell CS munition is designed to deliver four separate sub-munitions of CS to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xvii. **Defense Technology 40mm Skat Shell Saf-Smoke; Cost: \$30/unit; Quantity: 0**
The Defense Technology 40mm Skat Shell Saf-Smoke munition is designed to deliver four separate sub-munitions of smoke. When deployed, the cartridge will separate over a broad space to give a wider area of coverage to be used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xviii. **CTS Model 4441 40mm OC Barricade Projectile; Cost: \$29/unit; Quantity: 12**
The Combined Tactical Systems (CTS) Model 4441 40mm is a powder filled projectile that penetrates intermediate barriers and delivers irritant agents into an adjacent room.
- xix. **CTS Model 4213 40mm White Smoke Multi-Cartridge; Cost: \$30/unit; Quantity: 0**
The Combined Tactical Systems (CTS) Model 4213 40mm aluminum cartridge launches 3 sub-munitions that emit smoke via rapid burning. When deployed, the cartridge will separate over a broad space to give a wider area of coverage to be used as a diversion, for concealment or as a signaling device. The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xx. **CTS Model 4233 40mm CS Smoke Multi-Cartridge; Cost: \$33/unit; Quantity: 0**
The Combined Tactical Systems (CTS) Model 4233 40mm aluminum cartridge launches 3 sub-munitions that emit CS via rapid burning smoke. When deployed, the cartridge will separate over a broad space to give a wider area of coverage to discharge a high volume of smoke and chemical agent through multiple emission ports to gain compliance from a subject(s). The Sheriff's Office typically keeps this device in its inventory, but do not currently have any available for field use as they are expired.
- xxi. **PepperBall Launcher; Cost: \$700; Quantity: 1**
The PepperBall Launcher uses high pressure air to deliver projectiles (similar to a paint ball delivery system). The PepperBall Launcher is capable of launching projectiles at a subject up to 60 feet. The kinetic impact projectiles are designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is



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prohibited or inadvisable. The use of the launcher to deliver chemical agents is intended and designed to be used to overcome resistance and/or to subdue persons with minimal injuries to deputies, arrestees and others.

- xxii. **PepperBall Pava/OC Live-X Powder Projectiles;** Cost: \$370 per case (90); Quantity: 90
The Pava/OC Live-X Powder Projectiles are less lethal impact munitions designed for the PepperBall launcher. The PepperBall Live-X round contains 5.0% PAVA/OC. It is effective for direct impact and area saturation. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is chemical agent delivery to gain compliance of a subject.
- xxiii. **PepperBall Pava/OC Live-MAXX Powder Projectiles;** Cost: \$648 per case (90); Quantity: 900
The Pava/OC Live-MAXX Powder Projectiles are less lethal impact munitions designed for the PepperBall launcher. The PepperBall Live-MAXX round contains 5.0% MAXSAICINPAVA. It is effective for direct impact and area saturation. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is chemical agent delivery to gain compliance of a subject.
- xxiv. **PepperBall Pava/OC Live-SD Powder Projectiles;** Cost: \$250 per case (90); Quantity: 90
The Pava/OC Live-SD Powder Projectiles are less lethal munitions designed for the Pepperball launcher. The PepperBall Live-SD round contains 2.0% PAVA/OC. It is effective for direct impact and area saturation. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is chemical agent delivery to gain compliance of a subject.
- xxv. **PepperBall Inert Projectiles;** Cost: \$300 per case (375); Quantity: 375
The Inert Projectiles are less lethal impact munitions designed for the Pepperball launcher. The PepperBall Inert round contains a harmless scented powder and is best suited for practice or direct impact when chemical exposure is not desired. When used for direct impact, the primary effect of the projectile is trauma, which directly neutralizes the aggressor.
- xxvi. **PepperBall Water or Paint Marker Projectiles;** Cost: \$300 per case (375); Quantity: 375
The Water or Paint Marker Projectiles are less lethal impact munitions designed for the Pepperball launcher. The PepperBall Water or Paint round contains water and is best suited for practice or direct impact when chemical exposure is not desired. When used for



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direct impact, the primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is marking subjects for identification with a washable colorant.

b. **Purpose:**

To limit the escalation of conflict where employment of lethal force is prohibited or inadvisable.

c. **Authorized Use and Training:**

The FN 303 is currently only used as an impact weapon and/or chemical agent delivery system by members of the SERT and Crowd Control Unit. The Penn Arms and Lewis Machine & Tool 40mm launchers are utilized as an impact weapon by patrol, specialized units, and SERT. SERT and the Crowd Control Unit also utilize the launcher as an impact weapon as well as a chemical agent delivery system. The PepperBall launcher is exclusively used by SERT and the Crowd Control Unit as an impact weapon as well as a chemical agent delivery system. The various projectile launch platforms and associated munitions deployed by the Sheriff's Office shall be used by deputies trained in its deployment and in a manner consistent with Department policy and training. The use of these tools is outlined in Sheriff's Office General Orders #12.00 [Use of Force], #12.04 [Use of Less Lethal Munitions Firearms], #17.03 [Demonstrations and Civil Disorders] and #19.02 [Sheriff's Emergency Response Team].

Situations authorized for use of the less lethal weapon systems may include, but are not limited to:

- Self-destructive, dangerous and/or combative individuals.
- Riot/crowd control and civil unrest incidents.
- Circumstances where a tactical advantage can be obtained.
- Potentially vicious animals.
- Training exercises.

d. **Expected Lifespan:**

- i. FN Herstal – FN 303 Launcher* – No Expiration
- ii. FN 303 Pava/OC Powder Projectiles – 3 years
- iii. FN 303 Washable Paint Projectiles – 3 years
- iv. Penn Arms 40mm Launcher* – No Expiration
- v. Lewis Machine & Tool (LMT) 40mm Launcher* – No Expiration
- vi. Defense Technology 40mm Impact Sponge Baton – 3 years
- vii. Defense Technology 40mm Spede-Heat OC – 5 years
- viii. Defense Technology 40mm Spede-Heat CS – 5 years
- ix. Defense Technology 40mm Spede-Heat Saf-Smoke – 5 years



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- x. CTS Model 4530 40mm Impact CS Powder – 5 years
- xi. Defense Technology 40mm impact OC munition – 5 years
- xii. Defense Technology 40mm impact CS munition – 5 years
- xiii. Defense Technology 40mm Muzzle Blast OC munition – 5 years
- xiv. Defense Technology 40mm Muzzle Blast CS munition – 5 years
- xv. Defense Technology 40mm Skat Shell OC munition – 5 years
- xvi. Defense Technology 40mm Skat Shell CS munition – 5 years
- xvii. Defense Technology 40mm Skat Shell Saf-Smoke munition – 5 years
- xviii. CTS Model 4441 40mm Impact OC Barricade Projectile– 5 years
- xix. CTS Model 4213 40mm White Smoke Multi-Cartridge – 5 years
- xx. CTS Model 4233 40mm CS Smoke Multi-Cartridge – 5 years
- xxi. PepperBall Launcher* – No Expiration
- xxii. PepperBall Pava/OC Live-X Powder Projectiles – 3 years
- xxiii. PepperBall Pava/OC Live-MAXX Powder Projectiles – 3 years
- xxiv. PepperBall Pava/OC Live-SD Powder Projectiles – 3 years
- xxv. PepperBall Inert Practice Projectiles – 3 years
- xxvi. PepperBall Water or Paint Marker Projectiles – 3 years

**These weapon systems do not have expirations dates, but these will need to be serviced or replaced when an individual launcher fails or breaks*

e. **Fiscal Impact:**

- i. FN Herstal – FN 303 Launcher – Annual cost between \$0 - \$10,000.
- ii. FN 303 Pava/OC Powder Projectiles – Annual cost between \$0 - \$5,000.
- iii. FN 303 Washable Paint Projectiles – Annual cost between \$0 - \$5,000.
- iv. Penn Arms 40mm Launcher – Annual cost between \$0 - \$5,000.
- v. Lewis Machine & Tool (LMT) 40mm Launcher – Annual cost between \$0 - \$10,000.
- vi. Defense Technology 40mm Impact Sponge Baton – Annual cost between \$0 - \$20,000.
- vii. Defense Technology 40mm Spede-Heat OC – Annual cost between \$0 - \$500.
- viii. Defense Technology 40mm Spede-Heat CS – Annual cost between \$0 - \$500.
- ix. Defense Technology 40mm Spede-Heat Saf-Smoke – Annual cost between \$0 - \$500.
- x. CTS Model 4530 40mm Impact CS Powder – Annual cost between \$0 - \$500.
- xi. Defense Technology 40mm impact OC munition – Annual cost between \$0 - \$500.
- xii. Defense Technology 40mm impact CS munition – Annual cost between \$0 - \$500.
- xiii. Defense Technology 40mm Muzzle Blast OC munition – Annual cost between \$0 - \$500.
- xiv. Defense Technology 40mm Muzzle Blast CS munition – Annual cost between \$0 - \$500.
- xv. Defense Technology 40mm Skat Shell OC munition – Annual cost between \$0 - \$500.
- xvi. Defense Technology 40mm Skat Shell CS munition – Annual cost between \$0 - \$500.
- xvii. Defense Technology 40mm Skat Shell Saf-Smoke munition – Annual cost between \$0 - \$500.



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- xviii. CTS Model 4441 40mm Impact OC Barricade Projectile– Annual cost between \$0 - \$500.
- xix. CTS Model 4213 40mm White Smoke Multi-Cartridge – Annual cost between \$0 - \$500.
- xx. CTS Model 4233 40mm CS Smoke Multi-Cartridge – Annual cost between \$0 - \$500.
- xxi. PepperBall Launcher – Annual cost between \$0 - \$2100.
- xxii. PepperBall Pava/OC Live-X Powder Projectiles – Annual cost between \$0 - \$3,500.
- xxiii. PepperBall Pava/OC Live-MAXX Powder Projectiles – Annual cost between \$0 - \$3,500
- xxiv. PepperBall Pava/OC Live-SD Powder Projectiles – Annual cost between \$0 - \$2,500.
- xxv. PepperBall Inert Practice Projectiles – Annual cost between \$0 - \$1,500.
- xxvi. PepperBall Water or Paint Marker Projectiles – Annual cost between \$0 - \$1,500.



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The following list contains the inventory of equipment in the possession of the Santa Clara County Sheriff's Office Custody Bureau as of March 18, 2022, that qualifies as military equipment under state law. Although specific manufacturers are listed for certain equipment below, the Sheriff's Office may acquire substantially identical equipment from a different manufacturer for the same purpose and authorized use and subject to the same restrictions and training requirements. This list shall be updated, and Board approval sought as required by Gov. Code § 7071, in the event that the Sheriff's Office acquires new or additional equipment or if the uses or training for existing equipment change.

1. CHEMICAL AGENTS (CATEGORY 12):

a. Quantity, Description, Capabilities, and Purchase Cost:

- i. **SABRE Red Stream (MK-9);** Cost: \$56/unit; Quantity: 227
The SABRE Red MK-9 High Volume Streamer is an OC chemical agent delivery system that contains 1.33% Major Capsaicinoids that is used to deploy a long-range stream that is used to gain compliance from (a) subject(s) at a further distance.
- ii. **SABRE Red PHANTOM Delivery System (MK-9);** Cost \$180/unit; Quantity: 95
The SABRE Red PHANTOM Evaporating Fog Delivery System is an OC chemical agent delivery system that contains 1.33% Major Capsaicinoids that is used to deploy an evaporating fog that is used to gain compliance from (a) subject(s) over a large area.
- iii. **SABRE Red PHANTOM Cell Buster (MK-9);** Cost: \$170/unit; Quantity: 16
The SABRE Red PHANTOM Evaporating Fog Delivery Cell Buster is an OC chemical agent delivery system that contains 1.33% Major Capsaicinoids that is used to deploy an evaporating fog with a wand attachment that is used to gain compliance from (a) subject(s) in a cell or small confined area.
- iv. **SABRE Red MK-46 High Volume Streamer;** Cost: \$672/unit; Quantity: 17
The SABRE Red MK-46 High Volume Streamer is an OC chemical agent delivery system that contains 1.33% Major Capsaicinoids that is used to deploy a long-range stream that is used to gain compliance from (a) subject(s) at a further distance and is ideal for crowd management and correctional applications.
- v. **SABRE Red MK-46 1.33% MC High Volume Streamer Refill;** Cost: \$63/unit; Quantity: 16
The SABRE Red MK-46 1.33% MC High Volume Streamer Refill is a container of non-flammable OC chemical agent that contains 1.33% Major Capsaicinoids that is used to refill the SABRE Red MK-46 High Volume Streamer.
- vi. **Defense Technology First Defense MK-46V;** Cost: \$601.56/unit; Quantity: 4



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The Defense Technology First Defense MK-46V Stream OC Aerosol is an OC chemical agent delivery system that contains 1.3% Major Capsaicinoids that is used to deploy a stream with a wand attachment that is used to gain compliance from (a) subject(s) in a cell or small confined area.

- vii. Aerko International CLEAR OUT Grenade 6 oz Actuator;** Cost: \$18.66/unit;
Quantity: 39

The Aerko International CLEAR OUT Grenade 6 oz is a chemical agent delivery system that contains 1% CS and 1% OC that is used to deploy an invisible fog that is used to gain compliance from (a) subject(s) and force them from a larger barricaded position. Equipped with a lock down total release actuator system.

- viii. Aerko International CLEAR OUT Grenade 6 oz Flip Top;** Cost: \$26.64/unit;
Quantity: 29

The Aerko International CLEAR OUT Grenade 6 oz is a chemical agent delivery system that contains 1% CS and 1% OC that is used to deploy an invisible fog that is used to gain compliance from (a) subject(s) and force them from a larger barricaded position. Equipped with a high-volume fogger flip top.

- ix. Aerko International CLEAR OUT Grenade 2 oz;** Cost: \$22.29/unit; Quantity: 35

The Aerko International CLEAR OUT Grenade 2 oz is a chemical agent delivery system that contains 1% CS and 1% OC that is used to deploy an invisible fog that is used to gain compliance from (a) subject(s) and force them from a smaller barricaded position.

- x. Aerko International CLEAR OUT KEYHOLER;** Cost: \$27.03/unit; Quantity: 25

The Aerko International CLEAR OUT Grenade 6 oz is a chemical agent delivery system that contains 1% CS and 1% OC that is used to deploy an invisible fog with 1/8-inch tubing through any existing small entry point that is used to gain compliance from (a) subject(s) and force them from a barricaded position.

b. Purpose:

Chemical agents, which are commonly referred to as “tear gas,” are used as a non-lethal de-escalation tool in many potentially violent situations including, but are not limited to, a barricaded suspect and crowd dispersal. The chemical agents deployed by the Santa Clara Sheriff's Office are CS (2-Chlorobenzylidene Malononitrile) and OC (Oleoresin Capsicum), both of which are standard across United States law enforcement.

c. Authorized Use and Training:

All chemical agents, other than standard issue personal use OC cannisters, are exclusively used by members of the Emergency Response Team or deputies during critical incidents to safely de-



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escalate and resolve critical situations such as cell extractions, multiple inmate assaults, and riot situations. Chemical agents shall only be used by deputies that have been trained in their proper use. A California Peace Officer Standards and Training (POST) chemical agent course must be completed by the deputies charged with the deployment of chemical agents in crowd control situations outside the jail facility as required by AB 48, and the use of these systems must be in compliance with the law. The use of these tools is governed by Sheriff's Office Custody Bureau Policy 9.01 [Use of Force].

d. Expected Lifespan:

- i. SABRE Red Stream (MK-9) – 5 years
- ii. SABRE Red PHANTOM Delivery System (MK-9) – 5 years
- iii. SABRE Red PHANTOM Delivery Cell Buster (MK-9) – 5 years
- iv. SABRE Red MK-46 High Volume Streamer – 5 years
- v. SABRE Red MK-46 High Volume Streamer Refill – 5 years
- vi. Defense Technology First Defense MK-46V – 5 years
- vii. Aerko International CLEAR OUT Grenade 6 oz Actuator – 5 years
- viii. Aerko International CLEAR OUT Grenade 6 oz Flip Top – 5 years
- ix. Aerko International CLEAR OUT Grenade 2 oz – 5 years
- x. Aerko International CLEAR OUT KEYHOLER – 5 years

e. Fiscal Impact:

- i. SABRE Red Stream (MK-9) – Annual cost between \$0 - \$1500
- ii. SABRE Red PHANTOM Delivery System (MK-9) – Annual cost between \$0 - \$5000
- iii. SABRE Red PHANTOM Delivery Cell Buster (MK-9) – Annual cost between \$0 - \$2100
- iv. SABRE Red MK-46 High Volume Streamer* – Annual cost between \$0 - \$1,000
- v. SABRE Red MK-46 High Volume Streamer Refill – Annual cost between \$0 - \$600
- vi. Defense Technology First Defense MK-46V* – Annual cost between \$0 - \$1,000
- vii. Aerko International CLEAR OUT Grenade 6 oz Actuator – Annual cost between \$0 - \$1000
- viii. Aerko International CLEAR OUT Grenade 6 oz Flip Top – Annual cost between \$0 - \$1300
- ix. Aerko International CLEAR OUT Grenade 2 oz – Annual cost between \$0 - \$1200
- x. Aerko International CLEAR OUT KEYHOLER – Annual cost between \$0 - \$1300

**These delivery systems do not have expirations dates, but these will need to be serviced or replaced when an individual system fails or breaks*



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2. PROJECTILE LAUNCH PLATFORMS & ASSOCIATED MUNITIONS (CATEGORY 14):

a. Quantity, Description, Capabilities, and Purchase Cost:

i. **FN 303 Launcher;** Cost: \$1,699/unit; Quantity: 8

The FN 303 is a less lethal force option that uses compressed air to fire projectiles from a 15-round magazine. The kinetic energy projectiles are designed to incapacitate a target without causing critical injuries and is most widely used for crowd control.

ii. **FN 303 PAVA/OC Powder Projectiles;** Cost: \$1054/150 round box; Quantity: 21

The PAVA/OC Powder Projectiles are less lethal ammunition designed for the FN 303 launcher. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less lethal systems. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is chemical agent delivery to gain compliance of a subject.

iii. **FN 303 Clear Impact Projectiles;** Cost: \$865/150 round box; Quantity: 3

The Washable Paint Projectiles are less lethal ammunition designed for the FN 303 launcher. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less lethal systems. The primary effect of the projectile is trauma, which directly neutralizes the aggressor.

iv. **PepperBall VKS Launcher;** Cost: \$1,299.99/unit; Quantity: 14

The PepperBall VKS Launcher uses high pressure air to deliver projectiles (similar to a paint ball delivery system). The PepperBall VKS Launcher is capable of launching projectiles from a hopper or a 15-round magazine at a subject up to 150 feet away. The adjustable up to 28J kinetic impact projectiles are designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The use of the launcher to deliver chemical agents is intended and designed to be used to overcome resistance and/or to subdue persons with minimal injuries to deputies, inmates, and others.

v. **PepperBall FTC Launcher;** Cost: \$679/unit; Quantity: 14

The PepperBall FTC Launcher uses high pressure air to deliver projectiles (similar to a paint ball delivery system). The PepperBall FTC Launcher is capable of launching projectiles from a hopper at a subject up to 100 feet away. The adjustable up to 15J kinetic impact projectiles are designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. The use of the launcher to deliver chemical agents is intended and designed to be used to overcome resistance and/or to subdue persons with minimal injuries to deputies, inmates, and others.



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- vi. PepperBall Live-X Powder Projectiles;** Cost: \$1,320/375 round case; Quantity: 0
The Live-X Powder Projectiles are less lethal impact munitions designed for the PepperBall launcher. The PepperBall Live-X round contains 5.0% PAVA. It is effective for direct impact and area saturation. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is chemical agent delivery to gain compliance of a subject.
- vii. PepperBall Live Powder Projectiles;** Cost: \$1,252.50/375 round case; Quantity: 5
The Live Powder Projectiles are less lethal impact munitions designed for the Pepperball launcher. The PepperBall Live round contains 2.0% PAVA. It is effective for direct impact and area saturation. The primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is chemical agent delivery to gain compliance of a subject.
- viii. PepperBall Inert Powder Projectiles;** Cost: \$355/375 round case; Quantity: 42
The Inert Powder Projectiles are less lethal impact munitions designed for the Pepperball launcher. The PepperBall Inert round contains a harmless scented powder and is best suited for practice or direct impact when chemical exposure is not desired. When used for direct impact, the primary effect of the projectile is trauma, which directly neutralizes the aggressor.
- ix. PepperBall Marking Projectiles;** Cost: \$300/375 round case; Quantity: 10
The Marking Projectiles are less lethal impact munitions designed for the Pepperball launcher. The PepperBall Marking round contains water or paint and is best suited for practice or direct impact when chemical exposure is not desired. When used for direct impact, the primary effect of the projectile is trauma, which directly neutralizes the aggressor, and the secondary effect of the projectiles is marking subjects for identification with a washable colorant.
- x. Defense Technology 40mm Launcher;** Cost: \$985.70/unit; Quantity: 3
The Defense Technology LMT Tactical Single Launcher is not a firearm but a single-shot less lethal system that delivers 40mm munitions from a safe distance. The less-lethal launcher is a single launcher, which allows the deputy to assess after every spent munition. The kinetic energy projectiles are designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable.
- xi. Defense Technology 40mm eXact iMPact Sponge Round;** Cost: \$29/unit; Quantity: 11
The Defense Technology 40mm eXact iMPact Sponge Round munition is designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable. This munition has a maximum effective range of 131 feet and is designed for direct impact.



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- xii. **Defense Technology 40mm Reloadable 24-Shot Training Kit;** Cost: \$315; Quantity: 2
Defense Technology 40mm Reloadable 24-Shot Training Kit includes 24-primed bases and 8-training projectiles providing a total of 24 training shots. This reloadable training kit allows deputies to practice loading, sighting, trigger pull, and range estimation.

b. Purpose:

To limit the escalation of conflict where employment of lethal force is prohibited or inadvisable.

c. Authorized Use and Training:

The FN 303 Launcher and PepperBall Launcher are currently only used as an impact weapon and/or chemical agent delivery system by members of the Emergency Response Team. The various projectile launch platforms and associated munitions deployed by the Sheriff's Office shall be used by deputies trained in its deployment and in a manner consistent with Department policy and training.

Situations authorized for use of the less lethal weapon systems may include, but are not limited to:

- Cell extractions with appropriate approval
- Riot/crowd control incidents
- Situations in which the overall security of a facility is at risk
- Situations justifying lethal force
- Training exercises

The use of the various projectile launch platforms and associated munitions is governed by Sheriff's Office Custody Bureau Policy 9.01 [Use of Force].

d. Expected Lifespan:

- i. FN 303 Launcher* – No Expiration
- ii. FN 303 PAVA/OC Powder Projectiles – 3 years
- iii. FN 303 Clear Impact Projectiles – 3 years
- iv. PepperBall VKS Launcher* – No Expiration
- v. PepperBall FTC Launcher* – No Expiration
- vi. PepperBall Live-X Powder Projectiles – 3 years
- vii. PepperBall Live Powder Projectiles – 3 years
- viii. PepperBall Inert Powder Projectiles – 3 years
- ix. PepperBall Marking Projectiles – 3 years
- x. Defense Technology 40mm Launcher* – No Expiration
- xi. Defense Technology 40mm eXact iMPact Sponge Round – 5 years
- xii. Defense Technology 40mm 24-Shot Training Kit – 5 years



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**These weapon systems do not have expirations dates, but these will need to be serviced or replaced when an individual launcher fails or breaks*

e. **Fiscal Impact:**

- i. FN 303 Launcher – Annual cost between \$0 - \$5,000
- ii. FN 303 PAVA/OC Powder Projectiles – Annual cost between \$0 - \$1100
- iii. FN 303 Clear Impact Projectiles – Annual cost between \$0 - \$2600
- iv. PepperBall VKS Launcher - Annual cost between \$0 - \$5,000
- v. PepperBall FTC Launcher - Annual cost between \$0 - \$5,000
- vi. PepperBall Live-X Powder Projectiles – Annual cost between \$0 - \$1500
- vii. PepperBall Live Powder Projectiles – Annual cost between \$0 - \$1500
- viii. PepperBall Inert Powder Projectiles – Annual cost between \$0 - \$1100
- ix. PepperBall Marking Projectiles – Annual cost between \$0 - \$500
- x. Defense Technology 40mm Launcher – Annual cost between \$0 - \$5,000
- xi. Defense Technology 40mm eXact iMPact Sponge Round – Annual cost between \$0 - \$300
- xii. Defense Technology 40mm 24-Shot Training Kit – Annual cost between \$0 - \$700

Note: The Custody Bureau's Use of Force Policies have been updated and revised consistent with new statutory mandates and Consent Decree requirements. Training for the new policies is scheduled to commence in July. The new policies use the Lexipol format previously mentioned and will require the renumbering of many references used within this document for the Custody Bureau's Use of Force Policies.



Appendix C

Santa Clara County Sheriff's Office

Stanford University Military Equipment List

Stanford University has an MOU with the Santa Clara County Sheriff's Office regarding police services. Since Stanford is unincorporated land and is a private university, the law enforcement responsibility falls on the County Sheriff. The Sheriff, at the request of Stanford University, utilized Reserve Deputy Sheriff status (under Section 830.6 of the California Penal Code) for the Stanford University Department of Public Safety (SUDPS). The deputies are Stanford University employees and are considered "Stanford Reserves." The Stanford Reserves are the police department for Stanford University.

The following list contains the inventory of equipment in the possession of SUDPS as of March 18, 2022 that qualifies as military equipment under state law. Although specific manufacturers are listed for certain equipment below, the SUDPS may acquire substantially identical equipment from a different manufacturer for the same purpose and authorized use and subject to the same restrictions and training requirements. This list shall be updated, and Board approval sought as required by Gov. Code § 7071, in the event that the SUDPS acquires new or additional equipment or if the uses or training requirements for existing equipment change.

1. **SPECIALIZED FIREARMS & AMMUNITION (CATEGORY 10):**

a. **Quantity, Description, Capabilities, and Purchase Cost:**

- i. **Colt AR-15 (.223/5.56mm);** Cost: \$1,250/rifle; Quantity: 32
The Colt AR-15 carbine rifle is a specialized firearm carried by deputies in field assignments. Carbine rifles are lightweight, air-cooled, gas operated, magazine fed, shoulder fired weapons designed for semi-automatic and selective fire. The .223 cartridge is used as a lethal option designed to stop a violent encounter with greater accuracy from longer distances and is capable of penetrating soft body armor.
- ii. **Speer .223 62-Grain Gold Dot;** Cost: \$250/500 round case; Quantity: 8,000 rounds
The Speer .223 62-Grain Gold Dot cartridge is the duty ammunition deployed during potential lethal encounters.

b. **Purpose:**

The AR-15 rifles are to be used as long/tactical weapons to address a violent and/or armed threat with greater precision and/or at greater distances than a handgun, if necessary and feasible.

c. **Authorized Use and Training:**

Sworn members of the SUDPS (Stanford University Department of Public Safety) who have attended and completed California Peace Officer Standards and Training (POST) rifle course and received qualification are authorized to carry the AR-15 rifle. The issuance and use of these



Appendix C

Santa Clara County Sheriff's Office

Stanford University Military Equipment List

firearms are governed by General Order #12.00 [Use of Force], #12.01 [Firearm Issuance and Training], and #12.02 [Use of Firearms].

d. **Expected Lifespan:**

- i. **Colt AR-15 (.223/5.56mm)*** - No Expiration
- ii. **Speer .223 62-Grain Gold Dot** - No Expiration

**This weapon system does not have expirations dates, but these will need to be serviced or replaced when an individual firearm fails or breaks*

e. **Fiscal Impact:**

- i. **Colt AR-15 (.223/5.56mm)** - Annual cost between \$0 - \$2,000.
- ii. **Speer .223 62-Grain Gold Dot** - Annual cost between \$0 - \$15,000.

2. **PROJECTILE LAUNCH PLATFORMS & ASSOCIATED MUNITIONS (CATEGORY 14):**

a. **Quantity, Description, Capabilities, and Purchase Cost:**

- i. **Defense Technology 40mm Launcher**; Cost: \$785/unit; Quantity: 8
The Defense Technology 40mm Launcher is not a firearm but is a single-shot less lethal system that delivers 40mm munitions from a safe distance. The Less-Lethal launcher is capable of launching 40mm munitions at a subject up to 25 yards. The kinetic energy projectiles are designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable.
- v. **Defense Technology 40mm Impact Sponge Baton**; Cost: \$29/unit; Quantity: 140
The Defense Technology 40mm impact sponge baton munition is designed to de-escalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable.

b. **Purpose:**

To limit the escalation of conflict where employment of lethal force is prohibited or inadvisable.

c. **Authorized Use and Training:**

Sworn members of SUDPS who have been trained in its deployment and in a manner consistent with Department policy and training.



Appendix C

Santa Clara County Sheriff's Office

Stanford University Military Equipment List

The use of various projectile launch platforms and associated munitions is governed by Sheriff's Office General Order #12.00 [Use of Force] and #12.04 [Use of Less Lethal Munitions Firearms].

d. **Expected Lifespan:**

- i. **Defense Technology 40mm Launcher*** - No Expiration
- ii. **Defense Technology 40mm Impact Sponge Baton** – 3 years

**This weapon system does not have expirations dates, but these will need to be serviced or replaced when an individual firearm fails or breaks*

e. **Fiscal Impact:**

- i. **Defense Technology 40mm Launcher*** - Annual cost between \$0 - \$1,500.
- ii. **Defense Technology 40mm Impact Sponge Baton** - Annual cost between \$0 - \$1,500.