



San Francisco Sheriff's Office

Military Equipment 2025 Annual Report

and Inventory

INTRODUCTION

This report covers the period November 1, 2024, through October 31, 2025.

California Government Code Section 7070 et seq. and San Francisco Administrative Code Section 96H1 require that the San Francisco Sheriff's Office (SHF) submit an annual report that includes an inventory of specified equipment in its possession, and information regarding the use of that equipment in the prior year. The following report provides an inventory of such equipment currently in the possession of the San Francisco Sheriff's Office and details how it was deployed during this reporting period.

Section 1: Inventory and Use lists all military equipment items. Subsection #10 includes deployment and use information for the reporting period.

Section 2: Equipment Requests lists equipment that SHF seeks approval for in 2025. The list includes new equipment and those that have been previously approved that are intended to:

1. Replenish those that have been used during the reporting period and/or,
2. Supplement those that are in limited inventory.
3. Request approval for new Equipment.

The budget cycle has not yet allowed the SHF to determine whether it has funds in the budget to purchase the identified additional equipment. However, the Sheriff requests the Board's approval in the event that the budget allows the purchase within the upcoming reporting period.

Section 3: Provides a summary of complaints or concerns received regarding the Sheriff's use of military equipment.

The San Francisco Sheriff's Office intends to post this Annual Report on its website on or before Friday, December 23, 2025. The Office will hold a public meeting to allow for discussion and address questions regarding the annual military equipment report, funding, acquisition, and use of equipment, within 30 days of posting this Annual Report.

SECTION 1: INVENTORY AND USE.

CATEGORY 1 – UNMANNED, REMOTELY PILOTED, POWERED AERIAL OR GROUND VEHICLES



DJI Mavic 2 Enterprise (Dual)	
1. Description	Commercial Unmanned Aircraft System (UAS)
2. Quantity	2
3. Capability	Fly, Hover, broadcast video, record video, Photography, forward-looking infrared (FLIR).
4. Purpose	Provide Aerial Support for law enforcement operations in both the field and custodial settings.
5. Authorized Uses	Scene security, Investigative, evidence documentation, infrastructure assessment, special enforcement details, Patrol, Search and Rescue, disaster response, barricaded subjects, hostage situations, or other high-risk tactical operations so that they can make informed, sound decisions. All usage will comply with all Federal Aviation Administration (FAA) regulations.
6. Training Requirements	FAA training requirements for drone operation shall be met. Ongoing evaluations will be conducted to ensure operators acquire and maintain proficient UAS skills, knowledge of regulations, and safe operating procedures.
7. Legal and Procedural Rules	UAS operations shall only be conducted in accordance with the SHF policy, FAA Certificate of Waiver or Authorization (COA), or

DJI Mavic 2 Enterprise (Dual)	
	within the guidelines set out in Title 14 CFR, Part 107 (Code of Federal Regulations).
8. Fiscal impact	\$0
9. Lifespan	Purchased in 2020 UAS devices need to be upgraded as vendor-supplied software becomes obsolete.
10. Usage INFORMATION	The SHF deployed the UAS for 6 days in the reporting period, as follows: <ul style="list-style-type: none">• Training deployment with the Special Response Team (SRT).



Recon Robotics Scout - Throwbot	
1. Description	A small, lightweight, remotely operated tactical robot designed to be thrown or deployed into confined or hazardous spaces to provide situational awareness before personnel enter.
2. Quantity	1
3. Capability	The roller-designed robot can be controlled by a handheld controller up to 150 meters and can operate on varied indoor surfaces. It has low-light cameras and a microphone for audio surveillance. The Scout cannot record and has no offensive capability. The Scout cannot transmit sound.

Recon Robotics Scout - Throwbot	
4. Purpose	The Scout enhances officer safety, de-escalation, and tactical intelligence by enabling remote viewing of dangerous or unknown environments before entry.
5. Authorized Uses	<p>The Scout may be used only when:</p> <ol style="list-style-type: none"> 1. A tactical team needs remote visual or audio reconnaissance to enhance safety 2. A known or suspected threat requires pre-entry assessment 3. Hostage, barricade, or armed subject situations 4. Search and rescue operations where direct access is unsafe 5. Correctional facility incidents, including: <ul style="list-style-type: none"> o Cell extractions o Barricaded inmates o Hostile or unknown conditions beyond line of sight 6. Hazardous material or unknown structure inspections
6. Training Requirements	<p>In-Service Training that includes:</p> <p>Operation and deployment of the Scout.</p> <p>Camera, audio, and controller functions.</p> <p>Communication with team members during live operations.</p> <p>Recharge/maintenance and storage protocols.</p> <p>Legal considerations related to recording, audio, and privacy laws.</p> <p>Integration into tactical and correctional operations.</p>
7. Legal and Procedural Rules	Use of the Scout is for official law enforcement purposes and in a manner that respects the privacy and Fourth Amendment rights of our community.
8. Fiscal impact	Purchased in 2008 for an unknown initial cost. No additional cost.
9. Lifespan	10 years. (No longer operational)
10. SUMMARY INFORMATION	The SHF did not deploy or use this equipment during the reporting period. It is being evaluated for decommission.



4Sight Tactical R/C	
1. Description	Small and durable, the 4Sight Tactical R/C weighs eleven pounds and is 6.76 inches tall. It is a remote-controlled car with lights that can hold a body camera on the front.
2. Quantity	2
3. Capability	The 4Sight can travel up to 300 feet, carry a body camera, and film locations revealing the location of armed subjects, the condition of hostages, and the layout of rooms – all of which is critical to planning and executing the tactical operation. The R/C car cannot transmit sound and has no offensive capability.
4. Purpose	A remotely controlled unmanned machine that operates on the ground, which can provide information for the Incident Commander to make sound decisions.
5. Authorized Uses	Authorized users: Trained deputies designated by the Sheriff. Authorized situations: Welfare checks with unknown risk, barricades, active-threat containment (recon only), high-risk warrant service (intel/observation), suspicious package/vehicle assessment (visual only), and search in confined/denied areas. Prohibitions: Not a weapon; no use for crowd dispersal or pain-compliance. No audio/video interception outside lawful authority.
6. Training Requirements	In-Service Training

4Sight Tactical R/C	
7. Legal and Procedural Rules	Use of the 4Sight is for official law enforcement purposes and in a manner that respects the privacy and Fourth Amendment rights of our community.
8. Fiscal impact	Initial Cost \$7000 (2) units. No annual cost.
9. Lifespan	Multi-year, dependent on operating environments, impacts, and battery health; components (tires, lights, mounts, batteries) replaced as worn. Annual review to assess obsolescence and readiness.
10. SUMMARY INFORMATION	Not deployed outside of training. Utilized 4 times in training during this reporting period.

CATEGORY 5 – COMMAND AND CONTROL VEHICLES



2012 Freightliner MT-55	
1. Description	A commercial medium-duty walk-in chassis that serves as a large mobile platform for command operations, logistics, or specialized response.
2. Quantity	1

2012 Freightliner MT-55	
3. Capability	This vehicle is equipped with specialized command, control, and communications equipment to support the deployment and management of missions. As well as respond, coordinate, and manage complex or multi-agency incidents.
4. Purpose	Mobile Command Unit for large-scale or complex incidents.
5. Authorized Uses	<p>This vehicle is used to improve safety, communication, or operational coordination, including:</p> <ul style="list-style-type: none"> • Tactical activations (barricade, hostage situations, armed subjects) • Correctional facility emergencies or disturbances • Large-scale events requiring unified command • Search and rescue operations • Disaster response (fires, earthquakes, floods, mass-casualty events) • Infrastructure failures requiring mobile command resources • Training exercises involving multi-unit coordination
6. Training Requirements	Class B and CA POST Emergency Vehicle Operators Course.
7. Legal and Procedural Rules	As an emergency response vehicle, this vehicle must be operated in accordance with all applicable California vehicle codes for emergency vehicles and is subject to the department's "Emergency Vehicle Response and Pursuit Driving" and "Vehicle Collision Reports" policies.
8. Fiscal impact	Initial Cost: \$580,000. Average Annual Maintenance \$6100. Current Mileage = 8263
9. Lifespan	10–15 years, depending on mileage and operational use.
10. SUMMARY INFORMATION	Utilized 4 times in training during this reporting period.



Ford F59 Rapid Response Vehicle	
1. Description	A commercial stripped-chassis vehicle upfitted with lights and sirens. Configured to house tactical communications gear, mobile command infrastructure, equipment storage, and personnel workspace.
2. Quantity	1
3. Capability	These vehicles can serve as a mobile base of operations or a command center. These vehicles include specialized transport, response, and communications equipment to support this mission.
4. Purpose	Rapid deployment of equipment and personnel to remote or complex scenes.
5. Authorized Uses	<p>Mobilization to significant events: barricaded subjects, large crowd control, disaster responses, and major incidents.</p> <p>Support of tactical teams: providing on-scene command, coordination, and equipment staging.</p> <p>Infrastructure or facility incident response: e.g., correctional facility incidents, large-scale transportation or public-safety deployments.</p> <p>Non-tactical routine use, such as preventive inspections or logistics, may be permitted if consistent with policy and oversight.</p>

Ford F59 Rapid Response Vehicle	
6. Training Requirements	A class C CA license and CA POST Emergency Vehicle Operators Course are required to drive the Rapid Response Vehicle.
7. Legal and Procedural Rules	As an emergency response vehicle, this vehicle must be operated in accordance with all applicable California vehicle codes for emergency vehicles and is subject to the department's "Emergency Vehicle Response and Pursuit Driving" and "Vehicle Collision Reports" policies.
8. Fiscal impact	Initial Cost: \$135,000. Average annual maintenance is ~1k
9. Lifespan	8–15 years, depending on mileage and operational use.
10. SUMMARY INFORMATION	Deployed approximately 10 times for maintenance, transport and training during this reporting period.

Category 7 – BATTERING, SLUGS, AND BREACHING APPARATUS THAT ARE EXPLOSIVE



Remington 870 Police Magnum	
1. Description	12-gauge pump-action shotgun configured with a short tactical 18" barrel backed by a stout 3" chamber for law-enforcement applications.
2. Quantity	2
3. Capability	It can defeat locks, hinges, or other devices that prevent entry into a room.
4. Purpose	Defeat locked, barricaded, or fortified locations, allowing deputies to conduct rescues or high-risk forcible entries during high-risk incidents.

Remington 870 Police Magnum	
5. Authorized Uses	<p>Active, articulable threat to officers or civilians where lethal force is legally justified</p> <p>Dynamic entries where a shotgun is the appropriate tool for close-quarters lethality or breaching (if breaching is authorized)</p> <p>Perimeter/callouts where a lethal-force option must be immediately available for officer safety</p> <p>Situations explicitly authorized by supervisory approval per SFSO policy (e.g., SRT activations, armed barricades)</p>
6. Training Requirements	Operators must attend a shotgun breaching class. Shotgun breachers must do live fire training at least twice a year and have successfully completed the shotgun breaching qualification annually.
7. Legal and Procedural Rules	Authorized users must follow the guidelines of the use-of-force policy, firearms policy, and state law.
8. Fiscal impact	~\$900 each at initial purchase
9. Lifespan	No expiration date
10. SUMMARY INFORMATION	Utilized in training twice during this reporting period.

Category 10 – SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER



Bushmaster — M4 (select-fire)	
1. Description	A lightweight, AR-pattern 5.56×45mm NATO carbine manufactured to M4-style specifications. The select-fire variant offers semi-automatic and select-fire modes. It is built around a

Bushmaster — M4 (select-fire)	
	direct-impingement or gas-operated rotating-bolt system, modular upper/lower receivers, and a collapsible stock.
2. Quantity	8
3. Capability	Provide frontline tactical units with a reliable, battle-proven rifle capable of semi-automatic and burst fire for complex, armed incidents where precise, controlled rifle fire may be required to protect life.
4. Purpose	To provide designated, trained teams with a compact, accurate, and mission-tailorable rifle capability when rifle-level force is reasonably necessary to protect life, preserve public safety, or safely resolve high-risk incidents in which handguns or less-lethal tools are insufficient.
5. Authorized Uses	<p>Authorized use – Rifles are the primary weapon used by the SRT. Rifles are deployed for all SRT operations. Rifle-trained deputies may deploy their issued rifle in any circumstance where they can articulate a reasonable expectation that the rifle may be needed to respond to a threat to life or serious bodily injury.</p> <p>Situations for deployment include, but are not limited to, the following:</p> <ul style="list-style-type: none"> • Provide rifle-level capability during high-risk warrant service (e.g., felony arrests where armed resistance is likely). • Respond to active-attacker / active-shooter incidents where long-arm engagements and rapid, accurate fire may be required to stop ongoing threats. • Support barricaded/armed subject situations, hostage rescues, and dynamic entries where stand-off distance, penetration, or sustained fire are operationally necessary. • Serve as a tool for containment and overwatch during tactical operations to increase officer safety and reduce the need for close physical contact. • Provide a force-option escalation point within a documented use-of-force continuum for specially authorized tactical units.
6. Training Requirements	<p>Select Fire Rifle Training (Special Response Team):</p> <ol style="list-style-type: none"> 1. SWAT Basic Course.

Bushmaster — M4 (select-fire)	
	<ol style="list-style-type: none"> 2. POST certified rifle course. 3. SRT members must attend and pass biannual rifle qualifications. (Twice a year.)
7. Legal and Procedural Rules	Rifle usage must follow the guidelines of the Use of Force Policy, Firearms Policy, Penal Code Section 835a(c), and Penal Code Section 33220(b).
8. Fiscal impact	~\$3500 per rifle
9. Lifespan	8–15 years in routine/tactical service, assuming regular maintenance, proper use, and periodic parts replacement. With heavy operational tempo or rough handling, expected lifespan can trend to the lower end; under light use and careful armorer support, individual rifles may remain serviceable beyond 15 years.
10. SUMMARY INFORMATION	Utilized in 12 training days at the Range during this reporting period.



Colt — M4A1 (select-fire)	
1. Description	An AR-pattern carbine chambered in 5.56×45mm NATO. The M4A1 designation indicates a full-rate, select-fire (semi-automatic and fully automatic) configuration built to sustain higher rates of fire and heavy use compared with standard semiauto variants.
2. Quantity	16
3. Capability	Provide frontline tactical units with a reliable, battle-proven rifle capable of semi-automatic and burst fire for complex, armed incidents where precise, controlled rifle fire may be required to protect life.
4. Purpose	To provide designated, trained teams with a compact, accurate, and mission-capable rifle platform that affords enhanced range,

Colt — M4A1 (select-fire)	
	accuracy, penetration, and sustained-fire options when rifle-level force is reasonably necessary to protect life, preserve public safety, or safely resolve high-risk incidents in which handguns or less-lethal tools are insufficient.
5. Authorized Uses	<p>Rifles are deployed for all SRT operations and for some patrol shifts based on assignment of the weapon. Rifle-trained deputies may deploy their issued rifle in any circumstance where they can articulate a reasonable expectation that the rifle may be needed to respond to a threat to life or serious bodily injury.</p> <p>Situations for deployment include, but are not limited to, the following:</p> <ul style="list-style-type: none"> • Provide rifle-level capability during high-risk warrant service (e.g., felony arrests where armed resistance is likely). • Respond to active-attacker / active-shooter incidents where long-arm engagements and rapid, accurate fire may be required to stop ongoing threats. • Support barricaded/armed subject situations, hostage rescues, and dynamic entries where stand-off distance, penetration, or sustained fire are operationally necessary. • Serve as a tool for containment and overwatch during tactical operations to increase officer safety and reduce the need for close physical contact. • Provide a force-option escalation point within a documented use-of-force continuum for specially authorized tactical units.
6. Training Requirements	POST/agency Patrol Rifle Course; initial qualification; annual re-qual; periodic scenario training; legal updates.
7. Legal and Procedural Rules	Rifle usage must follow the guidelines of the SHF's Use of Force Policy, SHF's Firearms Policy, Penal Code Section 835a(c), and Penal Code Section 33220(b).
8. Fiscal impact	~\$3500 per rifle
9. Lifespan	8–15 years in routine/tactical service, assuming regular maintenance, proper use, and periodic parts replacement. With heavy operational tempo or rough handling, expected lifespan can

Colt — M4A1 (select-fire)	
	trend to the lower end; under light use and careful armorer support, individual rifles may remain serviceable beyond 15 years.
10. SUMMARY INFORMATION	Utilized in 12 training days at the Range and deployed at up to 20 SRT events during this reporting period.



Geissele — URG-I / Super Duty (select-fire)	
1. Description	A lightweight, AR-pattern 5.56×45mm NATO carbine manufactured to M4-style specifications. The select-fire variant offers semi-automatic and select-fire modes. It is built around a direct-impingement or gas-operated rotating-bolt system, modular upper/lower receivers, and a collapsible stock.
2. Quantity	10
3. Capability	Provides frontline tactical units with a reliable, battle-proven rifle capable of semi-automatic and automatic fire for complex, armed incidents where precise, controlled rifle fire may be required to protect life.
4. Purpose	To provide designated, trained teams with a compact, accurate, and mission-tailorable rifle capability when rifle-level force is reasonably necessary to protect life, preserve public safety, or safely resolve high-risk incidents in which handguns or less-lethal tools are insufficient.
5. Authorized Uses	Rifles are deployed for all SRT operations and for some patrol shifts based on assignment of the weapon. Rifle-trained deputies may deploy their issued rifle in any circumstance where they can

Geissele — URG-I / Super Duty (select-fire)	
	<p>articulate a reasonable expectation that the rifle may be needed to respond to a threat to life or serious bodily injury.</p> <p>Situations for deployment include, but are not limited to, the following:</p> <ul style="list-style-type: none"> • Provide rifle-level capability during high-risk warrant service (e.g., felony arrests where armed resistance is likely). • Respond to active-attacker / active-shooter incidents where long-arm engagements and rapid, accurate fire may be required to stop ongoing threats. • Support barricaded/armed subject situations, hostage rescues, and dynamic entries where stand-off distance, penetration, or sustained fire are operationally necessary. • Serve as a tool for containment and overwatch during tactical operations to increase officer safety and reduce the need for close physical contact. • Provide a force-option escalation point within a documented use-of-force continuum for specially authorized tactical units.
6. Training Requirements	<ul style="list-style-type: none"> • POST Patrol Rifle Course; initial qualification; annual re-qual; periodic scenario training; legal updates.
7. Legal and Procedural Rules	Rifle usage must follow the guidelines of the SHF Use of Force Policy, Firearms Policy, Penal Code Section 835a(c), and Penal Code Section 33220(b).
8. Fiscal impact	~\$3500 per rifle
9. Lifespan	8–15 years in routine/tactical service assuming regular maintenance, proper use, and periodic parts replacement. With heavy operational tempo or rough handling, expected lifespan can trend to the lower end; under light use and careful armorer support, individual rifles may remain serviceable beyond 15 years.
10. SUMMARY INFORMATION	Utilized in 12 training days at the Range and deployed at up to 20 SRT events during this reporting period.



LWRC R.E.P.R. (Rapid Engagement Precision Rifle)

1. Description	A modular, AR-10-sized semi-automatic rifle platform chambered for 7.62×51 NATO (also offered in 6.5 Creedmoor variants). It is built on LWRC's upper/receiver architecture and uses a short-stroke gas-piston system with a rotary bolt.
2. Quantity	4
3. Capability	Provides a precision-capable, rapid-engagement rifle for intermediate/longer-range tactical engagements where enhanced terminal performance and accuracy are required versus 5.56 service rifles. Typical practical engagement envelope for missions is broadly 0–600+ meters, depending on optics, ammunition, and operator skill.
4. Purpose	Provide designated, trained tactical and precision teams with a semi-automatic rifle capable of rapid engagement at extended ranges and improved terminal performance compared with 5.56 service carbines. It is intended for use in missions that materially improve officer or public safety.
5. Authorized Uses	Deploy only to authorized, certified personnel (e.g., SWAT/precision teams). Authorized for high-risk warrant service, active-attacker/armed subject incidents, overwatch/precision support, and other situations where rifle-level capability materially increases safety. Not for routine patrol carriage or non-high-risk community policing tasks unless specifically authorized by the Sheriff.
6. Training Requirements	SRT Snipers must successfully complete a POST-certified Sniper course. SRT Snipers conduct live fire training throughout the

LWRC R.E.P.R. (Rapid Engagement Precision Rifle)	
	training cycle and must pass a quarterly qualification as dictated by the sniper team leader.
7. Legal and Procedural Rules	Sniper Rifles may only be deployed by SRT Sniper team members. Rifle usage must follow the guidelines of the SHF's Use of Force Policy, SHF's Firearms Policy, Penal Code Section 835a(c), and Penal Code Section 33220(b).
8. Fiscal impact	Training and Maintenance Cost= \$10k
9. Lifespan	8–20+ years for receiver and major non-consumable components with proper maintenance and parts replacement; barrels and wear items (extractors, springs, gas components) are lifecycle items replaced based on round count, accuracy loss, or scheduled maintenance. Lifecycle drivers: operational round count (barrel throat erosion), ammunition type (supersonic vs. specialty loads), environmental exposure (marine/corrosive environments accelerate wear), maintenance discipline, and accessory choices.
10. SUMMARY INFORMATION	Utilized in training 4 times during this reporting period.



Remington 700 PSS (Police / Precision Sniper System)	
1. Description	A bolt-action precision rifle built on Remington's Model 700 action and configured as a law-enforcement precision/sniper system.
2. Quantity	1
3. Capability	Single-shot precision engagement at extended range, observation/sniper overwatch, precision counter-sniper tasks, and stopping or disabling threats where precision and single-round

Remington 700 PSS (Police / Precision Sniper System)	
	lethality are required. Practical engagement ranges 0 – 1,000+ meters depending on caliber, optics, ammunition, and shooter training.
4. Purpose	To provide trained precision marksmen with a dedicated, accurate, single-shot rifle capability for incidents where precise, long-range rifle engagement materially improves officer and public safety, and where less-precise weapons or less-lethal options are inadequate to safely resolve an imminent lethal threat.
5. Authorized Uses	<p>Precision engagement of an imminent lethal threat in active-shooter, hostage rescue, or barricade incidents when a precision shot is necessary to prevent loss of life.</p> <p>Counter-sniper operations and overwatch during high-risk warrants or significant public safety events.</p> <p>Situations requiring precision stopping power where minimizing collateral damage is necessary.</p> <p>Lawful, policy-approved use in accordance with rules of engagement and supervisory authorization.</p>
6. Training Requirements	SRT Snipers must successfully complete a POST-certified Sniper course. SRT Snipers conduct live fire training throughout the training cycle and must pass a quarterly qualification as dictated by the sniper team leader.
7. Legal and Procedural Rules	Sniper Rifles may only be deployed by SRT Sniper team members. Rifle usage must follow the guidelines of the SHF's Use of Force Policy, SHF's Firearms Policy, Penal Code Section 835a(c), and Penal Code Section 33220(b).
8. Fiscal impact	Purchase, Training and Maintenance Cost = \$10k
9. Lifespan	10–25+ years for the action and chassis when properly maintained; the service life of individual components (notably barrels and wear items) is shorter and driven by round count and use conditions.
10. SUMMARY INFORMATION	Utilized in training 10 times during this reporting period.



GA Precision Custom	
1. Description	A high-precision, purpose-built rifle configured to deliver repeatable, long-range accuracy for precision engagement roles. This rifle is optimized for consistent accuracy, long-range shot placement, and durability under precision-use conditions.
2. Quantity	1
3. Capability	Designed to meet sub-MOA or equivalent manufacturer/armorer accuracy performance under controlled conditions.
4. Purpose	A precision marksman/sniper system to provide designated, trained personnel with a mission-tailorable long-range, precision capability when such capability is reasonably necessary to protect life, preserve public safety, or resolve high-risk incidents in which less-lethal options or standard patrol firearms are inadequate.
5. Authorized Uses	<p>Precision overwatch and containment during high-risk warrant service where threat assessment indicates rifle-level precision may be necessary.</p> <p>Active-shooter / mass-attacker scenarios where precision engagement is required to stop an ongoing deadly threat.</p> <p>Hostage or barricade incidents requiring precise, limited-effects engagement to protect hostages and public.</p> <p>Counter-sniper or threat-mitigation tasks requiring specialized long-range capabilities.</p> <p>Not for routine patrol carriage or non-high-risk community policing tasks unless specifically authorized by the Sheriff.</p>
6. Training Requirements	SRT Snipers must successfully complete a POST certified Sniper course. SRT Snipers conduct live fire training throughout the

GA Precision Custom	
	training cycle and must pass a quarterly qualification as dictated by the sniper team leader.
7. Legal and Procedural Rules	Sniper Rifles may only be deployed by SRT Sniper team members. Rifle usage must follow the guidelines of the SHF's Use of Force Policy, SHF's Firearms Policy, Penal Code Section 835a(c), and Penal Code Section 33220(b).
8. Fiscal impact	Purchase, Training and Maintenance Cost= \$10k
9. Lifespan	10–20+ years for receiver/chassis components with proper maintenance and parts replacement. Lifecycle drivers: operational round count (barrel throat erosion), ammunition type (supersonic vs. specialty loads), environmental exposure (marine/corrosive environments accelerate wear), maintenance discipline, and accessory choices.
10. SUMMARY INFORMATION	Utilized in training 10 times during this reporting period.



Heckler & Koch (H&K) / MP5 series	
1. Description	A compact, roller-locked, blowback/roller-delayed submachine gun from the H&K MP family chambered in 9mm. It is a widely used close-quarters weapon platform designed for controllable automatic fire, compact handling, and compatibility with small-frame optics and accessories. The (SD) models have reduced sound signature where authorized.
2. Quantity	Six (6) MP5, Two (2) MP5SD

Heckler & Koch (H&K) / MP5 series	
3. Capability	<p>Provides a compact, controllable, short-range lethal-force option for specially trained tactical operators in close-quarters and confined-space operations.</p> <p>Caliber & effect: 9×19mm Parabellum — effective for stopping threats at close engagement ranges with lower over-penetration risk relative to many rifle calibers.</p> <p>Practical engagement envelope: Optimized for close-quarters engagements (typical practical effective range 0–100 meters for most tactical scenarios); precision and terminal effects diminish at extended ranges compared with rifles.</p>
4. Purpose	<p>Retained as a compact, close-quarters lethal force option deployed by designated, trained tactical teams when a shorter-range, highly maneuverable firearm materially improves officer and public safety compared with handguns, less-lethal options, or full-size rifles.</p> <p>Authorized purposes include high-risk entries into confined spaces, vehicle interventions where a compact platform is needed, and other authorized tactical operations where the platform's characteristics reduce risk and increase operator control.</p> <p>The MP5 is in stock, however; it is currently not assigned or deployed. This weapon has been out of commission for at least 10 years. Employees are not presently qualified to operate the weapon.</p>
5. Authorized Uses	<p>Dynamic/military-style warrant service when confined-space entry or immediate maneuverability is required.</p> <p>Hostage rescue or close-quarters assaults where team control and reduced over-penetration risk are priorities.</p> <p>Corrections tactical responses in cells or narrow corridors where compact weapons are operationally preferable.</p>
6. Training Requirements	<p>Operators must complete a department-approved MP5/submachine gun operator course covering safe handling, selective-fire control, magazine changes, malfunction clearance, judgmental scenario training, and legal/use-of-force policy.</p>

Heckler & Koch (H&K) / MP5 series	
7. Legal and Procedural Rules	This weapon has no authorized procedures and may not be used at this time.
8. Fiscal impact	N/A as this weapons platform is not in use.
9. Lifespan	10–20 years for receiver and non-consumable components under typical agency use with appropriate maintenance. Some MP5 units remain serviceable for decades with proper care.
10. SUMMARY INFORMATION	Not currently utilized as the system needs to be refurbished.



Glock 18 (select-fire)	
1. Description	A compact, polymer-frame, striker-fired 9mm pistol produced in a factory select-fire configuration that allows both semi-automatic and fully automatic fire modes. Glock 18s are fitted with a compensated barrel to reduce recoil.
2. Quantity	Three (3)
3. Capability	Semi-automatic and full-automatic (select-fire). Designed as a short-range handgun platform (practical engagement distances generally within typical handgun ranges); the select-fire mode increases volume of fire.
4. Purpose	Provide a compact, high-volume-of-fire capability in very limited, controlled circumstances where such capability materially improves officer or public safety and where alternatives (e.g., semi-auto pistols, patrol carbines, or tactical rifles) are not tactically appropriate.

Glock 18 (select-fire)	
5. Authorized Uses	This weapon is not authorized for use, as formalized training has not been certified or approved by the Sheriff.
6. Training Requirements	A training program has not been established for this weapon; therefore, no one can deploy with it.
7. Legal and Procedural Rules	This weapon has no authorized procedures and may not be used.
8. Fiscal impact	Unknown initial costs, no annual cost.
9. Lifespan	5–15 years for the pistol frame and major components under normal use and proper maintenance; actual service life varies based on round count (approximately 50,000 rounds), operational tempo, and environmental exposure. Major lifecycle drivers: ammunition round counts (barrel and chamber wear), frequency of training/qualification firing, environmental exposure (corrosive conditions accelerate wear), and maintenance quality.
10. SUMMARY INFORMATION	Not deployed during this reporting period.



FN Herstal – Patrol Rifle	
1. Description	Duty-grade, shoulder-fired, semi-automatic patrol rifle configured with detachable magazines, adjustable stock, rail for optics/light, and agency-approved sling and sights/LPVO.
2. Quantity	26

FN Herstal – Patrol Rifle	
3. Capability	<p>Provide increased effective terminal performance and accuracy beyond duty pistols at typical engagement ranges encountered in patrol operations (up to ~100–300 yards depending on caliber and sighting system).</p> <p>Greater magazine capacity than service pistols, allowing sustained engagements when required.</p> <p>Accepts mission-specific accessories (optics, lights, sling, suppressors only if authorized).</p> <p>Supports both precision-aimed fire and rapid accurate fire in high-risk incidents when necessary.</p>
4. Purpose	<p>The primary purposes for acquiring Patrol Rifles are:</p> <p>To increase officer survivability and the ability to neutralize an imminent lethal threat at distances and with effectiveness not reasonably achievable with a duty pistol.</p> <p>To provide appropriately equipped patrol units with capability for active shooter response, armed-suspect containment, and high-risk warrant service where rifle-level capability is necessary to protect life.</p> <p>To reduce risk to bystanders and providing increased shot placement capability in dynamic critical incidents.</p>
5. Authorized Uses	<p>Patrol rifles will be authorized for use only under the following conditions:</p> <p>Deployment by personnel who have met required training and qualification standards (see Training section).</p> <p>Active shooter incidents, barricaded suspects who are known to be armed at distances beyond effective handgun engagement, high-risk warrant service, and other critical incidents where the rifle's capabilities are necessary to preserve life.</p> <p>When there is a reasonable belief that there is an imminent threat to life that cannot be safely addressed with less-lethal tools or a handgun.</p>
6. Training Requirements	<p>Before being authorized to use a patrol rifle, personnel must complete:</p> <p>A POST-approved or agency-certified Patrol Rifle Course covering marksmanship fundamentals, decision-making under</p>

FN Herstal – Patrol Rifle	
	<p>stress, target discrimination, legal standards for use of deadly force, de-escalation alternatives, and scenario-based judgment training.</p> <p>Initial qualification (live-fire) and documented passing score.</p> <p>Annual requalification and semi-annual non-live proficiency or scenario training.</p> <p>Periodic legal updates, after-action reviews, and documented remedial training for any identified deficiencies.</p>
7. Legal and Procedural Rules	Use is governed by California law (including use-of-force statutes and case law) and SHF's Use of Force policy.
8. Fiscal impact	<p>\$3,500 initial purchase</p> <p>\$200 Annual Routine Maintenance</p>
9. Lifespan	8 - 12 years
10. SUMMARY INFORMATION	Upon issuance of a patrol rifle field units are authorized to deploy the weapon at every shift.

Category 12 – “FLASHBANG” GRENADES AND EXPLOSIVE BREACHING TOOLS, “TEAR GAS,” AND “Pepper Balls,” excluding standard, service-issued handheld pepper spray.



CTS model 7290: Diversionary Devices	
1. Description	The CTS Model 7290 is a family of single-use Noise-Flash Diversionary Devices (NFDD), commonly called “flash-bang” or

CTS model 7290: Diversionary Devices	
	diversionary grenades. Devices are aluminium with multiple vent ports, a timed fuse, and are designed to produce an intense flash and extremely loud concussive noise while being non-fragmenting in normal use. They are a diversionary/stun device intended to disorient or distract suspects during dynamic entries.
2. Quantity	Two (2) CTS model 7290 Mini M single bangs Nine (9) CTS model 7290-2 Mini double bangs Nine (9) CTS model 7290 Single bangs 12 CTS model 7290-7 Seven bangs
3. Capability	Typical devices in the 7290 family produce extremely high sound and light outputs (published ranges ~165–175 dB; peak light output up to ~2 million candlepower for some variants). Single-use, vented (axial/top/bottom porting), anti-roll designs and multi-bang sequences available (time between outputs <1 s for multi-bang variants). Safety design: Engineered as <i>non-fragmenting</i> diversionary devices, but they remain explosive pyrotechnic devices that produce heat and concussion.
4. Purpose	Temporarily disorient, distract, and impair the sensory orientation of individuals inside confined spaces during high-risk tactical operations (e.g., dynamic entries, hostage rescue, barricaded subject incidents) so that specially trained teams can gain a tactical advantage while reducing the need for direct close-in physical contact that would increase risk to officers and civilians.
5. Authorized Uses	Authorized only for use by trained and certified SRT personnel. Permitted scenarios: high-risk warrant service, hostage/rescue entries, barricaded armed subjects, or other incidents where diversionary effect materially increases team safety and mission success. Prohibitions/limits: Not for routine crowd control, non-tactical public-facing policing, or untrained personnel use. Must not be deployed in proximity to known flammable materials, compromised structures where thermal effects could ignite, or in ways that increase risk to bystanders.

CTS model 7290: Diversionary Devices	
	Medical & environmental precautions: Consider risk of auditory injury, secondary injury from falls, smoke/inhalation effects, and special care in enclosed spaces or around vulnerable populations (young children, elderly, incarcerated persons, persons with respiratory medical conditions).
6. Training Requirements	Authorized users train on the use of flash-bangs annually. This training is both hands-on and classroom training.
7. Legal and Procedural Rules	These devices are pyrotechnic/explosive Class-C type devices for law-enforcement use and are subject to applicable federal, state, and local explosives/fire-safety rules and procurement controls. All use of force must follow the SHF's Use of Force policy.
8. Fiscal impact	Initial: \$1700. Annual \$240.00 for replacements.
9. Lifespan	5 Years
10. SUMMARY INFORMATION	During this reporting period deployed for training and recertification only.

Category 14 – PROJECTILE LAUNCH PLATFORMS AND THEIR MUNITIONS



Model 1426-11 Shown

Lewis Machine & Tool (LMT) / M203	
1. Description	The LMT M203 is a single-shot 40mm launcher configured in a standalone stock/launching assembly. It is a breech-loading, single-round, pump style (model/config dependent) launcher designed to fire 40×46mm low-velocity projectiles used for training, and less-lethal applications.

Lewis Machine & Tool (LMT) / M203	
2. Quantity	2
3. Capability	<p>Accepts standard 40×46mm low-velocity less-lethal projectiles (e.g., sponge/pepper/foam, marking rounds), and training rounds (inert).</p> <p>40mm low-velocity munitions have mission-dependent effective ranges of short-to-mid-range area or precision engagement when justified.</p>
4. Purpose	<p>The LMT M203 40mm tactical single-launcher is retained as a mission-specific support weapon to provide designated, trained tactical teams with a compact, single-round launcher capability for scenarios where launcher-delivered munitions materially improve officer or public safety. Use is restricted to authorized personnel who must follow clearly defined policy, supervisory authorization, and AB 481 reporting requirements. The M203 is currently used for chemical agents only.</p>
5. Authorized Uses	<p>40mm launchers is currently only authorized for dispersal of chemical agents. 40mm launchers shall only be deployed by a peace officer that has received training on their proper use by POST for crowd control if the use is objectively reasonable to defend against a threat to life or serious bodily injury to any individual, including any peace officer, or to bring an objectively dangerous and unlawful situation safely and effectively under control.</p> <p>Deployment of less-lethal 40mm projectiles in narrowly defined tactical scenarios where less-lethal options are necessary and authorized by incident command and policy.</p> <p>Delivery of inert or training rounds for controlled training and qualification.</p>
6. Training Requirements	<p>SRT members who use the 40mm launcher during crowd control situations shall complete a POST-certified SWAT school and continue training in chemical agents during the annual training cycle. SRT members must also be trained in the proper use of chemical agents for crowd control by a peace officer who has received POST-certified training.</p>

Lewis Machine & Tool (LMT) / M203	
7. Legal and Procedural Rules	Use of launched chemical agents shall be consistent with Penal Code Section 13652 and California Government Code Section 7070 et seq. All use of force must follow the SHF's 300 Use of Force policy.
8. Fiscal impact	No Additional Cost- absorbed in the general operator response curriculum.
9. Lifespan	10–20 years for launcher assembly components, given normal maintenance and armorer support. Actual service life depends on operational tempo, environment, and maintenance practices. Major lifecycle drivers: frequency of live-fire use, exposure to corrosive or maritime environments, physical abuse (impacts from handling or carriage), and availability of replacement parts.
10. SUMMARY INFORMATION	During this reporting period deployed for training and recertification only.



FN 40GL Enhanced Grenade Launcher	
1. Description	40mm launcher platform designed to fire low-velocity 40×46mm rounds. The launcher is constructed for durability and ergonomic use by trained operators and may be configured as a stand-alone shoulder-fired system which has mechanical safeties and design elements to prevent unauthorized firing and to support safe handling.
2. Quantity	1
3. Capability	Standard 40×46mm low-velocity less-lethal projectiles (e.g., sponge/pepper/foam, marking rounds), and training rounds (inert).

FN 40GL Enhanced Grenade Launcher	
	40mm low-velocity munitions have mission-dependent effective ranges of short-to-mid-range area or precision engagement when justified.
4. Purpose	A 40mm tactical single-launcher is retained as a mission-specific support weapon to provide designated, trained tactical teams with a compact, single-round launcher capability for scenarios where launcher-delivered munitions materially improve officer or public safety.
5. Authorized Uses	<p>40mm launchers are currently only authorized for the dispersal of chemical agents. When outside of a custodial setting and dealing in crowd control situations, 40mm launchers shall only be deployed by a deputy that has received training on their proper use by POST for crowd control if the use is objectively reasonable to defend against a threat to life or serious bodily injury to any individual, including any peace officer, or to bring an objectively dangerous and unlawful situation safely and effectively under control.</p> <p>Deployment of less-lethal 40mm projectiles in narrowly defined tactical scenarios where less-lethal options are necessary and authorized by incident command and SHF policy.</p> <p>Delivery of inert or training rounds for controlled training and qualification.</p>
6. Training Requirements	SRT members who use the 40mm launcher during crowd control situations shall complete a POST-certified SWAT school and continue training in chemical agents during the annual training cycle. SRT members must also be trained in the proper use of chemical agents for crowd control by a peace officer who has received POST-certified training.
7. Legal and Procedural Rules	Use of launched chemical agents shall be consistent with Penal Code Section 13652 and California Government Code Section 7070 et seq. All use of force must follow the established SHF's policy for Use of Force.
8. Fiscal impact	Initial purchase \$1800 each

FN 40GL Enhanced Grenade Launcher	
9. Lifespan	10–20 years for launcher assembly components, given normal maintenance and armorer support. Actual service life depends on operational tempo, environment, and maintenance practices. Major lifecycle drivers: frequency of live-fire use, exposure to corrosive or maritime environments, physical abuse (impacts from handling or carriage), and availability of replacement parts.
10. SUMMARY INFORMATION	During this reporting period deployed for training and recertification only.



Bushmaster M203 40mm Launcher	
1. Description	The LMT M203 is a single-shot 40mm launcher configured in a standalone stock/launching assembly designed to fire 40×46mm low-velocity projectiles used for training and less-lethal applications.
2. Quantity	2
3. Capability	Standard 40×46mm low-velocity less-lethal projectiles (e.g., sponge/pepper/foam, marking rounds), and training rounds (inert). 40mm low-velocity munitions have mission-dependent effective ranges, ranging from short- to mid-range area or precision engagement when justified.
4. Purpose	The LMT M203 40mm tactical single-launcher is retained as a mission-specific support weapon to provide designated, trained tactical teams with a compact, single-round launcher capability for scenarios where launcher-delivered munitions materially improve officer or public safety. Use is restricted to authorized personnel who must follow clearly defined policy, supervisory authorization, and AB 481 reporting requirements. The M203 is currently used for chemical agents only.

Bushmaster M203 40mm Launcher	
5. Authorized Uses	<p>40mm launchers is currently only authorized for dispersal of chemical agents. When outside of a custodial setting and dealing in crowd control situations, 40mm launchers shall only be deployed by a peace officer that has received training on their proper use by POST for crowd control if the use is objectively reasonable to defend against a threat to life or serious bodily injury to any individual, including any peace officer, or to bring an objectively dangerous and unlawful situation safely and effectively under control.</p> <p>Deployment of less-lethal 40mm projectiles in narrowly defined tactical scenarios where less-lethal options are necessary and authorized by incident command and policy.</p> <p>Delivery of inert or training rounds for controlled training and qualification.</p>
6. Training Requirements	SRT members who use the 40mm launcher during crowd control situations shall complete a POST-certified SWAT school and continue training in chemical agents during the annual training cycle. SRT members must also be trained in the proper use of chemical agents for crowd control by a peace officer who has received POST-certified training.
7. Legal and Procedural Rules	Use of launched chemical agents shall be consistent with Penal Code Section 13652 and California Government Code Section 7070 et seq. All use of force must follow the SHF's Use of Force policy.
8. Fiscal impact	No Additional Cost
9. Lifespan	<p>10–20 years for launcher assembly components, given normal maintenance and armorer support. Actual service life depends on operational tempo, environment, and maintenance practices.</p> <p>Major lifecycle drivers: frequency of live-fire use, exposure to corrosive or maritime environments, physical abuse (impacts from handling or carriage), and availability of replacement parts.</p>
10. SUMMARY INFORMATION	During this reporting period deployed for training and recertification only.



Launched Chemical Agents	
1. Description	Launched chemical agents are department-approved projectile munitions designed to deliver a concentrated irritant (for example, oleoresin capsicum (OC) or o-Chlorobenzylidene malononitrile (CS) into a confined space or a narrowly defined area from a standoff distance. They are intended as a short-range, targeted tool to gain compliance, reduce the need for close physical entry, or disperse imminent violent threats in narrowly tailored circumstances.
2. Quantity	<p>Seventeen (17): CTS 40MM Powder Projectile 4431</p> <p>Forty (40): CTS 40MM CS LIQUID PROJECTILE, PART # 4330</p> <p>Forty Four (44): CTS 40MM OC POWDER PROJECTILE, PART # 4441.</p> <p>Thirty-six (36): CTS 40MM OC LIQUID PROJECTILE, PART # 4340.</p> <p>Five (5): CTS 40MM INERT POWDER PROJECTILE, PART # 4401.</p> <p>Zero (0): CTS 40MM INERT LIQUID PROJECTILE, PART # 4300.</p> <p>Forty Two (42) Pocket Tactical CS Grenades – smaller and maybe hand deployed, \$29.40 each.</p> <p>Fifty (50): 37mm AR-2 Pyrotechnic CS Smoke Munition, \$24.99 per round.</p> <p>Fifty (50): 37mm AR-4 Pyrotechnic smoke (not a chemical irritant), \$24.99 round.</p> <p>Seventy Five (75): 37mm AR-6 Muzzle Blast Munition, \$24.99 per round.</p>
3. Capability	Dispersal of a chemical irritant can assist in stopping violent actions. Chemical agents can be launched from a safe distance.

Launched Chemical Agents	
4. Purpose	Provide a remote, short-range means of delivering an approved chemical irritant (e.g., OC/CS) into an enclosed, inaccessible, or otherwise hazardous space — or into narrowly defined, violent crowd-control situations — to gain compliance, reduce the need for close physical entry, and protect the safety of deputies, hostages, and members of the public when lesser measures have failed or would unacceptably increase risk.
5. Authorized Uses	<p>To neutralize an imminent threat to life or serious bodily injury when other reasonable de-escalation options have been tried or are impractical.</p> <p>To resolve barricade/hostage incidents or cell extractions where remote delivery can reduce the need for forcible entry and close-quarters contact.</p> <p>To facilitate safe extraction or rescue in confined or contaminated spaces where entry would expose personnel to elevated danger.</p> <p>To disperse or control violent, actively destructive riot conditions where there is an immediate threat to public safety, property, or life, and where narrowly targeted chemical agent deployment is likely to materially reduce harm compared with available alternatives.</p>
6. Training Requirements	<p>All personnel who prepare, authorize, or deploy launched chemical agents must be certified by the department. Certification must include:</p> <p>Initial Certification Course (department or POST-approved):</p> <ul style="list-style-type: none"> • Legal constraints and AB 481 reporting requirements; civil-rights considerations and use-of-force context. • Medical effects of authorized agents (physiology, exposure symptoms, vulnerable populations). • Safety, handling, storage, transport, and chain-of-custody for munitions (MSDS familiarity). • Use limitations and escalation policy (authorized scenarios, riot restrictions, crowd vs. tactical contexts). • Communications and coordination with Incident Command, EMS, and fire/rescue. <p>Medical & Decontamination Training:</p>

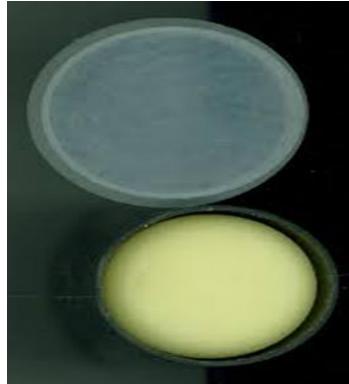
Launched Chemical Agents	
	<ul style="list-style-type: none"> • Recognition and documentation of exposures, on-scene triage, decontamination procedures, and how/when to summon EMS. • Understanding exceptions for vulnerable individuals (children, elderly, pregnant persons, persons with respiratory illness). <p>Equipment Handling & Logistics:</p> <ul style="list-style-type: none"> • Munition inspection, safe transport, secure storage, and disposal procedures; battery/security checks if applicable. • Personal protective equipment (PPE) expectations for handlers, decontamination teams, and supervisors.
<p>7. Legal and Procedural Rules</p>	<p>Authorization & Chain of Command</p> <ul style="list-style-type: none"> • Authorized personnel only: Only personnel listed in the department's authorized-use roster (and who are currently certified) may prepare, authorize, or deploy launched chemical agents. • Approval requirement: Deployments must be pre-approved by the Incident Commander or designated supervisor whenever feasible. In rapidly evolving riot conditions, immediate use is permissible only if exigent circumstances exist; such uses must be documented and justified as soon as operationally practicable. • Required supervisory presence: A named supervising officer with authority to de-escalate or call for cessation of use must be present or available by radio. <p>Authorized Uses & Limitations</p> <ul style="list-style-type: none"> • Permitted contexts: High-risk tactical entries, barricaded/hostage situations, confined-space interventions, and narrowly defined violent riot conditions where there is imminent threat to life, serious injury, or significant property destruction. • Prohibited contexts: Peaceful demonstrations, non-violent protests, routine crowd management, generalized area denial, or as default crowd dispersal for lawful assemblies. • Narrow tailoring: Use must be geographically and temporally limited to the minimum necessary area and

Launched Chemical Agents	
	<p>duration to achieve the lawful objective while minimizing exposure to uninvolved or vulnerable persons.</p> <p>Medical & Decontamination Requirements</p> <ul style="list-style-type: none"> • Medical support (on-scene EMS or designated medical assets) must be available or immediately summonable for deployments. • Immediate post-deployment actions: Provide/offer decontamination, hydration, and medical evaluation to exposed persons; document refusals. • Vulnerable populations: If the presence of children, elderly, pregnant individuals, or persons with known respiratory or cardiac illnesses is known or reasonably likely, consider alternatives unless imminent harm dictates otherwise. <p>Notifications & Interagency Coordination</p> <ul style="list-style-type: none"> • Notify or coordinate with on-scene EMS, fire department, and other impacted public-safety partners prior to deployment when feasible. For riot deployments, pre-deployment briefings to mutual-aid partners and staging medical assets are required when practicable.
8. Fiscal impact	No Additional Cost
9. Lifespan	3–5 years, depending on the manufacturer's stated shelf life, storage conditions, and environmental exposure.
10. SUMMARY INFORMATION	The SHF did not deploy this equipment for use in the field during this reporting period, but used this equipment during one training day.



Arwen 37mm Impact Weapon Launcher	
1. Description	A handheld, single-shot (breech-loaded) less-lethal impact launcher designed to deliver 37 mm kinetic impact projectiles, marking rounds, or irritant projectiles at a distance. The launcher is constructed for durability and rapid reloading in operational settings and is configured to accept a defined family of 37 mm munitions manufactured/approved for law enforcement less-lethal use. The system is intended as a stand-off tool to provide a graduated force option between verbal/physical control and lethal force.
2. Quantity	18
3. Capability	<p>The Arwen is a simple breech operation for rapid reloads that accepts a family of 37 mm projectiles — kinetic impact (sponge/baton), marking/paint rounds for identification, and authorized chemical/irritant projectiles where policy allows. It is designed to deliver less-lethal effects at a distance, providing options for standoff control when close contact would increase risk.</p> <p>It incapacitates or deters subjects without resorting to lethal force.</p>
4. Purpose	The Arwen 37 mm launcher is maintained as a less-lethal, stand-off capability to allow trained, authorized personnel to apply force options that may reduce the need for closer-in physical force or lethal force during crowd management, barricaded subject incidents, corrections disturbances, or other authorized deployments where less-lethal impact is appropriate to restore order or protect life.
5. Authorized Uses	<p>Authorized uses: Crowd control (where policy permits), corrections disturbances, high-risk subject compliance where less-lethal impact/marketing munitions materially reduce risk to deputies or the public, and other scenarios explicitly enumerated in SHF's Use of Force policy.</p> <p>Restrictions:</p> <ul style="list-style-type: none"> • Use is limited to trained, authorized personnel only. • Prohibit intentional targeting of head, neck, spine, groin, or other high-risk anatomical areas unless lethal force is objectively necessary and other options are unavailable.

	<ul style="list-style-type: none"> • Must follow de-escalation and warning procedures where feasible.
6. Training Requirements	Sworn staff must complete department training consisting of both classroom and hands-on training in the use of the Arwen. SHF requalification every 2 years.
7. Legal and Procedural Rules	Use of the ARWEN shall be consistent with Penal Code Section 13652, Penal Code Section 835(a), and California Government Code Section 7070 et seq. All use of force must follow the SHF's Use of Force policy.
8. Fiscal impact	Training & equipment cost per staff = approximately \$512.00
9. Lifespan	<p>10–20 years for the launcher platform with routine preventive maintenance, correct storage, and armorer inspections.</p> <p>Major lifecycle drivers: frequency of use, exposure to harsh environments (salt/marine, corrosive chemicals), maintenance discipline, accidental damage from drops/impacts, and availability of replacement parts.</p> <p>Approximately 50,000 rounds.</p>
10. SUMMARY INFORMATION	During this reporting period deployed approximately 20 times. There were two hundred seventy-five rounds fired at training and three incidents when the ARWEN was fired at a suspect.



AR-1 Baton Munition	
1. Description	The AR-1 munition consists of a proprietary polymer baton which is intended to be deployed as a means of pain compliance through

AR-1 Baton Munition	
	direct impact at ranges up to 30 yards. It is a smaller diameter than military 40mm.
2. Quantity	500
3. Capability	Munitions capable of accurate less lethal strikes to specific target areas to reduce the risks posed by human behavior.
4. Purpose	Less lethal option to resolve critical situations (both in and out of custody) and prevent serious bodily injury or loss of life in high-risk custody and/or field operations.
5. Authorized Uses	The less lethal impact munitions shall only be used in conjunction with the 37mm launcher. Authorized uses are the same as for the Arwen 37mm launcher.
6. Training Requirements	The less lethal impact munitions shall only be used in conjunction with the 37mm launcher. Training requirements are the same as for the Arwen 37mm launcher.
7. Legal and Procedural Rules	Use shall be consistent with Penal Code Section 13652, Penal Code Section 835(a), California Government Code Section 7070 et seq. and the SHF's Use of Force Policy.
8. Fiscal impact	Training replacement (100 rounds) - \$3,000.00
9. Lifespan	1 use per round.
10. SUMMARY INFORMATION	During this reporting period there were two hundred seventy-five rounds fired at training, and three incidents when the ARWEN was fired at a suspect.



Kinetic Breaching Tool	
1. Description	The Kinetic Breaching Tool (KBT) combines the power of explosive breaching with the simplicity of mechanical breaching. It is a modern alternative to traditional breaching methods. This hand-held powered breaching ram has been engineered to deliver high-impact energy in an easy-to-use tool.
2. Quantity	1
3. Capability	It is capable of destroying locks, hinges, or other devices that prevent entry into a room.
4. Purpose	Used to defeat locked, barricaded, or fortified locations, allowing deputies to conduct rescues or high-risk forcible entries during high-risk incidents.
5. Authorized Uses	<p>The Kinetic Breaching Tool shall not be used outside of the following:</p> <ol style="list-style-type: none"> 1. Training 2. Barricaded incidents where the person is resisting a detention/arrest. 3. Active Shooter/ Active Killer incidents 4. High Risk Warrants

Kinetic Breaching Tool	
	5. High-risk situations in which a fast and effective breach would allow for an immediate opening of the threshold with minimal risk.
6. Training Requirements	Deputies must complete a certified breaching course covering kinetic/mechanical and ballistic breaching fundamentals.
7. Legal and Procedural Rules	Use of the breaching tool will comply with laws regarding forcible entries.
8. Fiscal impact	Initial price \$9845.00. Annual cost \$0.00.
9. Lifespan	No expiration date.
10. SUMMARY INFORMATION	One in inventory. No deployments during this reporting period.



PepperBall — VKS & Tac-SA Pro	
1. Description	The PepperBall family are semi-automatic, .68-caliber less-lethal launchers designed for law-enforcement use. The VKS-PO™ is configured for police/tactical operations with mission-grade features (magazine-fed, configurable kinetic settings, accessory rails, and HPA/CO ₂ power options). The Tac-Sa Pro, is a robust semi-automatic launcher, is tailored for high-intensity situations such as daily patrol, crowd management, and riot-control scenarios. Both variants are intended to deliver kinetic impact projectiles and chemical payload projectiles (where authorized) as a less-lethal option to reduce reliance on firearms.
2. Quantity	(10) VKS- PRO or Tac-SA Pro

PepperBall — VKS & Tac-SA Pro	
3. Capability	<p>Caliber / Projectile: .68 caliber PepperBall projectiles and proprietary VXR projectiles; compatible cartridge/projectile types depend on model/configuration.</p> <p>Power source: HPA tanks or CO₂ (model/config-dependent).</p> <p>Feeding / Action: Semi-automatic; magazine-fed on VKS-PRO™ (typical magazine capacities 10–15 rounds) or a hopper configurations on the Tac-Sa Pro</p> <p>Effective mission role: Short-to-moderate stand-off engagement for less-lethal incapacitation, marking, or distraction consistent with training and policy. (Manufacturer ranges and energy levels vary by projectile; consult product specifications for procurement.)</p> <p>Accessories & Modularity: Accessory rails for lights, optics, and aiming aids; adjustable kinetic settings on some configurations; visible markings to distinguish less-lethal status.</p> <p>Operational environment: Designed for urban, crowd, and tactical operations where less-lethal intervention is required. Not intended as a lethal weapon.</p>
4. Purpose	<p>Provide designated, trained personnel with a stand-off, less-lethal option to incapacitate or mark actively violent subjects, support medically supervised crowd-control in narrowly defined violent situations and enable tactical teams to resolve high-risk encounters while minimizing the need for lethal force.</p>
5. Authorized Uses	<p>PepperBall systems shall only be used to breach glass and/or disperse pelargonic acid vanillylamide (PAVA) irritants. They shall only be deployed by a peace officer who has received training on their proper use if the use is objectively reasonable to defend against a threat to life or serious bodily injury to any individual, including any peace officer, or to bring an objectively dangerous and unlawful situation safely and effectively under control. It may be used to stop violent rioting, hostage situations, a hostile jail takeover (any time a section of jail becomes unlawfully controlled by one or more inmates), and criminal barricaded situations.</p> <p>Authorized uses may include criminal apprehensions, barricaded subjects, for self-defense or the defense of others, to safely stop</p>

PepperBall — VKS & Tac-SA Pro	
	riots in jail and in other situations that may require the use of force to protect persons, property, or public safety. These weapons may also be used in crowd control situations when a significant risk of harm to persons or property exists.
6. Training Requirements	Pre-identified SHF staff will undergo and complete a 16-hour train-the-trainer course to be authorized to train other deputies in the operation and use of the PepperBall. SHF PepperBall training instructors will then train and certify other deputies with a 10-hour class to carry and deploy the PepperBall system. After the initial certification, each deputy is required to re-certify every 12 months thereafter.
7. Legal and Procedural Rules	The use of PepperBall system shall be consistent with Penal Code Section 13652, and the California Government Code Section 7070 et seq. All uses of force must follow the established SHF's Use of Force policy.
8. Fiscal impact	\$22,720
9. Lifespan	Launcher service life: 10–20+ years with regular armorer maintenance, parts replacement, and proper storage.
10. SUMMARY INFORMATION	Awaiting delivery. Expected arrival mid-December.



PepperBall PPC Breacher	
1. Description	A dedicated, high-visibility, high-pressure air-powered (HPA) glass-breaking launcher purpose-built to deliver specialized impact projectiles for forced entry through glass in tactical scenarios. It is visually distinctive (high-visibility markings) to assist identification in high-stress operations and is designed to be

PepperBall PPC Breacher	
	used with PepperBall glass-breaking projectiles and compatible .68 projectiles where specified.
2. Quantity	(2) PPC Breacher
3. Capability	<p>Function: Dedicated glass-breaking launcher engineered to deliver impact rounds designed to break glass reliably from a standoff distance.</p> <p>Power source: Typically HPA configuration per product design.</p> <p>Compatibility: Designed for PepperBall glass-breaking projectiles; some configurations compatible with other PepperBall .68 projectiles where noted.</p> <p>Markings: High-visibility finish/markings for identification and safety in operations.</p>
4. Purpose	Provide a controlled, stand-off means of breaching vehicle or structure glass for tactical entry or rescue operations where rapid access is necessary to protect life, remove immediate hazards, or conduct rescues while minimizing risk to officers and civilians.
5. Authorized Uses	Authorized for tactical forced-entry into vehicles/structures when immediate access is required to preserve life or prevent significant harm and when less-intrusive alternatives are unavailable or impracticable. Not authorized for routine window breaking outside of a narrowly defined tactical or rescue mission.
6. Training Requirements	Pre-identified SHF staff will undergo and complete a 16-hour train-the-trainer course to be authorized to train other deputies in the operation and use of the PepperBall. SHF PepperBall training instructors will then train and certify other deputies with a 10-hour class to carry and deploy the PepperBall system. After the initial certification, each deputy is required to re-certify every 12 months thereafter.
7. Legal and Procedural Rules	The use of the PepperBall system shall be consistent with Penal Code Section 13652, and the California Government Code Section 7070 et seq. All uses of force must follow the established SHF's Use of Force policy.
8. Fiscal impact	\$22,720

PepperBall PPC Breacher	
9. Lifespan	10–20+ years
10. SUMMARY INFORMATION	Awaiting final delivery before training and deployment. Expected arrival mid-December.

Section 2: ADDITIONAL REQUESTED EQUIPMENT.

In addition, SHF is also requesting approval for purchase of equipment that have already been authorized for SHF's use. These are not new equipment. They are intended to:

1. Replenish equipment that were used during this reporting period.
2. Supplement quantities of equipment that is already authorized for SHF to use.

Replenish equipment that were used or expired during this reporting period.



Breaching Shotgun Ammunition	
Purpose	Replenish inventory that was used during this reporting period and projected training use and deployment readiness.
Fiscal impact	Approximately \$1500.00
Number and Types	12ga 82 grain “Flash-Bang Round” up to 200 Rounds



.556 / .223 Caliber Ammunition	
Purpose	Replenish inventory that was used during this reporting period and for projected training use and deployment readiness.
Fiscal impact	Approximately \$280 - \$330 per Case, up to \$415,800.00
Number and Types	<ul style="list-style-type: none"> • 55 Grain, Full Metal Jacket, up to 600 Cases • 62 Grain, Full Metal Jacket, up to 600 Cases • 75 Grain, Gold Dot, up to 50 Cases



Ammunition	
Purpose	Replenish inventory that was used during this reporting period and for projected training use and deployment readiness.
Fiscal impact	Approximately \$339 - \$629 per Case
Number and Types	<ul style="list-style-type: none"> • 168 Grain, Tactical Bonded Tip, up to 15 Cases (200 rounds) • 168 Grain, Tactical Tip Matchking, up to 10 Cases (500 rounds)



Diversionary Devices	
Purpose	Replenish inventory that was used during this reporting period and projected training use and deployment readiness.
Fiscal impact	Approximately \$500.00
Number and Types	<ul style="list-style-type: none"> • Mini M single bangs, up to five (5) • 2 Mini double bangs, up to five (5) • Single bangs, up to five (5) • Seven bangs, up to five (5)



Launched Chemical Agents	
Purpose	Replenish inventory that was used during this reporting period and projected training use and deployment readiness.
Fiscal impact	Approximately \$4,500.00
Number and Types	<ul style="list-style-type: none"> • Up to thirty (30): 40MM Powder Projectile • Up to thirty (30): 40MM CS LIQUID PROJECTILE • Up to Twenty (20): 40MM OC POWDER PROJECTILE • Up to Twenty (20): CTS 40MM OC LIQUID PROJECTILE

	<ul style="list-style-type: none"> • Up to thirty (30): CTS 40MM INERT POWDER PROJECTILE • Up to thirty (30): CTS 40MM INERT LIQUID PROJECTILE • Up to twenty (20) Pocket Tactical CS Grenades
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<p style="text-align: center;">Less Lethal Impact Munitions</p> <p style="text-align: center;">For Description, Capability, Authorized Uses, Training Requirements, Legal and Procedural Rules, and Lifespan, please refer to Section 1. L: Less Lethal Impact Munitions</p>	
Purpose	Replenish inventory that was used during this reporting period and projected training and deployment readiness.
Fiscal impact	Approximately \$24,000.00
Number and Types	800 Rounds, Baton Munition, \$30 per round

Supplement quantities of equipment that is already authorized for SHF to use.



<p style="text-align: center;">Small Dual-Use Autonomous Drones</p>	
1. Description	Compact quadrotor UAVs designed for both exterior and constrained-space interior operations that include multi-sensor collision-avoidance/autonomy systems (computer-vision and/or multi-directional obstacle sensors) to enable piloted or semi-autonomous flight in cluttered environments. Units should be enterprise-grade (encrypted data, enterprise firmware, physical

Small Dual-Use Autonomous Drones	
	ID/markings, enterprise payload options such as thermal, zoom, or low-light cameras) and certified for public-safety integration (streaming, cloud/mission logging).
2. Quantity	10
3. Capability	<p>Autonomy / Collision Avoidance: True omnidirectional or near-omnidirectional collision avoidance (computer-vision / multi-sensor) with indoor navigation/autonomy modes.</p> <p>Form factor: Small / foldable (for exterior) and small-frame or protected-prop design suitable for interior operations (cage or low-moment props). Weighing and dimensions consistent with easy carry and indoor maneuvering.</p> <p>Sensors / Payloads: Stabilized camera (4K or better) with optional thermal and 30× optical zoom or enterprise thermal/zoom options for search/rescue and inspections. Encrypted mission data and support for enterprise streaming.</p> <p>Indoor navigation aids: Support for non-GPS navigation modes (vision-based, beacon/RTK optional) and reliable obstacle-clearance at low speeds.</p> <p>Flight endurance: Minimum practical mission endurance of 15–30 minutes per battery (goal 20+ min), with hot-swap battery capability.</p> <p>Communications & Range: Enterprise link range suitable for exterior missions (kilometer class where permitted) but with safe indoor operation (short range stable link); support for beacon or repeater when needed.</p> <p>Safety features: Propeller guards or cage option for interior ops, return-to-home (RTH) fail-safe, geo-fencing, and mission abort.</p> <p>Security / Data: AES encryption for video/data, local data-mode option (no cloud), audit logs for missions, and device management for fleet control.</p>
4. Purpose	Provide deputies and incident commanders with a compact, rapidly deployable aerial capability that can safely operate outdoors and inside buildings/structures to gain situational awareness, conduct search & rescue/medical reconnaissance, perform structure inspections, and reduce risk to personnel by

Small Dual-Use Autonomous Drones	
	using autonomous collision-avoidance to operate in confined or cluttered spaces where manually piloted drones without those systems would be unsafe or impractical.
5. Authorized Uses	<p>Drone deployment is limited to circumstances where aerial imagery materially improves officer/public safety or operational effectiveness, including but not limited to:</p> <ul style="list-style-type: none"> • Officer safety and tactical reconnaissance for high-risk calls (armed/suspected armed subjects, barricades) prior to entry. • Search and rescue / lost person initial search and scene assessment. • Active attacker / mass casualty incident overhead assessment to assist incident command and EMS triage. • Fire / hazmat scene overview to identify hotspots or hazardous zones (in coordination with fire/EMS). • Traffic incident management for fatal/crash scene overview when requested by Traffic or Collision investigators. • Scene documentation for non-investigatory situational awareness (not as evidence collection unless approved). <p>Prohibitions / limits: Drones shall not be used for routine surveillance of private residences, mass monitoring of lawful public demonstrations, indiscriminate searches without individualized suspicion, or in ways that circumvent privacy protections unless expressly authorized by law or exigent circumstances.</p>
6. Training Requirements	<p>For exterior use operator certification: All pilots/operators must complete an approved sUAS training program (departmental and FAA/POST/State-equivalent as applicable), including platform operation, safety, airspace rules, privacy law, and AB 481 reporting requirements.</p> <p>Mission training: Scenario-based training for each authorized use case (tactical recon, SAR, fire support), including integration with ground command and EMS.</p> <p>Recurrency: Annual or mission-frequency recertification; simulator or live-flight currency checks.</p>

Small Dual-Use Autonomous Drones	
	<p>Armorer/maintenance training: Personnel trained in battery care, firmware updates, and field maintenance.</p> <p>Recordkeeping: Maintain pilot certificates, flight logs, training records, and a roster of authorized operators.</p>
7. Legal and Procedural Rules	UAS operations shall only be conducted in accordance with the SHF policy, FAA Certificate of Waiver or Authorization (COA), or within the guidelines set out in Title 14 CFR, Part 107 (Code of Federal Regulations).
8. Fiscal impact	\$22,000 each
9. Lifespan	3 - 7 years



Kinetic Breaching Tool	
1. Description	The Kinetic Breaching Tool (KBT) combines the power of explosive breaching with the simplicity of mechanical breaching. It is a modern alternative to traditional breaching methods. This hand-held powered breaching ram has been engineered to deliver high-impact energy in an easy-to-use tool.

Kinetic Breaching Tool	
2. Quantity	1
3. Capability	It is capable of destroying locks, hinges, or other devices that prevent entry into a room.
4. Purpose	Used by the SRT to defeat locked, barricaded, or fortified locations, allowing deputies to conduct rescues or high-risk forcible entries during high-risk incidents.
5. Authorized Uses	<p>The Kinetic Breaching Tool shall not be used outside of the following:</p> <ol style="list-style-type: none"> 1. Training 2. Barricaded incidents where the person is resisting a detention/arrest. 3. Active Shooter/ Active Killer incidents 4. High Risk Warrants 5. High-risk situations in which a fast and effective breach would allow for an immediate opening of the threshold with minimal risk.
6. Training Requirements	Deputies must complete a certified breaching course covering kinetic/mechanical and ballistic breaching fundamentals.
7. Legal and Procedural Rules	Use of the breaching tool will comply with laws regarding forcible entries.
8. Fiscal impact	Initial price \$9845.00. Annual cost \$0.00.
9. Lifespan	No expiration date.



Patrol Rifle	
1. Description	Semi-automatic, shoulder-fired rifles configured for law enforcement patrol duties. Typical configurations include a chambering in 5.56×45 NATO / .223 Remington or similar calibres, collapsible/adjustable stocks, factory or match-grade barrels, detachable box magazines, standard iron sights and/or low-power variable optics, sling attachment points, and accessory rails for lights and aiming devices.
2. Quantity	20
3. Capability	<p>Provide increased effective terminal performance and accuracy beyond duty pistols at typical engagement ranges encountered in patrol operations (up to ~100–300 yards depending on caliber and sighting system).</p> <p>Greater magazine capacity than service pistols, allowing sustained engagements when required.</p> <p>Accepts mission-specific accessories (optics, lights, sling, suppressors only if authorized).</p> <p>Supports both precision-aimed fire and rapid accurate fire in high-risk incidents when necessary.</p>
4. Purpose	<p>The primary purposes for acquiring Patrol Rifles are:</p> <p>To increase officer survivability and the ability to neutralize an imminent lethal threat at distances and with effectiveness not reasonably achievable with a duty pistol.</p> <p>To provide appropriately equipped patrol units with capability for active shooter response, armed-suspect containment, and high-risk warrant service where rifle-level capability is necessary to protect life.</p> <p>To reduce risk to bystanders and providing increased shot placement capability in dynamic critical incidents.</p>
5. Authorized Uses	<p>Patrol rifles will be authorized for use only under the following conditions:</p> <p>Deployment by personnel who have met required training and qualification standards (see Training section).</p> <p>Active shooter incidents, barricaded suspects who are known to be armed at distances beyond effective handgun engagement, high-</p>

Patrol Rifle	
	<p>risk warrant service, and other critical incidents where the rifle's capabilities are necessary to preserve life.</p> <p>When there is a reasonable belief that there is an imminent threat to life that cannot be safely addressed with less-lethal tools or a handgun.</p>
6. Training Requirements	<p>Before being authorized to use a patrol rifle, personnel must complete:</p> <p>A POST-approved or agency-certified Patrol Rifle Course covering marksmanship fundamentals, decision-making under stress, target discrimination, legal standards for use of deadly force, de-escalation alternatives, and scenario-based judgment training.</p> <p>Initial qualification (live-fire) and documented passing score.</p> <p>Annual requalification and semi-annual non-live proficiency or scenario training.</p> <p>Periodic legal updates, after-action reviews, and documented remedial training for any identified deficiencies.</p>
7. Legal and Procedural Rules	Use is governed by California law (including use-of-force statutes and case law) and SHF's Use of Force policy.
8. Fiscal impact	<p>\$3,500 initial purchase</p> <p>\$200 Annual Routine Maintenance</p>
9. Lifespan	8 - 12 years



Select Fire Rifle	
1. Description	Select-Fire Rifles are shoulder-fired long guns configured to operate in both semi-automatic and select-fire modes (e.g., semi-auto, 2/3-round burst, and/or fully automatic), and are typically chambered in military calibers such as 5.56×45 NATO, 7.62×51 NATO, or similar duty cartridges. Typical features include metal or polymer upper/lower receivers, adjustable stocks, pistol grips, accessory rails for optics and lights, detachable magazines, and fire-selector mechanisms providing selectable firing modes.
2. Quantity	10
3. Capability	<p>Rapid, sustained fire capability beyond semi-automatic rifles and pistols, enabling immediate high-volume response to multiple or moving threats.</p> <p>Modular accessory compatibility (optics, weapon lights, aiming devices) to tailor the rifle to mission needs.</p> <p>Effective at intermediate engagement ranges and close quarters depending on configuration.</p> <p>Can be employed to provide decisive, immediate fire to stop imminent threats that threaten deputies or public life.</p>
4. Purpose	<p>The intended purposes for possession and limited use of Select-Fire Rifles are narrow and focused on scenarios where their unique capabilities are necessary to preserve life and public safety and cannot be accomplished as safely or effectively with less-capable equipment.</p> <p>Examples include:</p> <ul style="list-style-type: none"> • High-risk dynamic entry or active-shooter incidents where multiple immediate lethal threats are present and high-volume, controlled fire is required to protect life. • Specialized tactical operations conducted by a trained tactical unit (e.g., SRT) where mission parameters and force calibration require selectable automatic firing capability. • Situations requiring suppression to enable lifesaving rescues or containment of an imminent lethal threat.

Select Fire Rifle	
5. Authorized Uses	<p>Select-Fire Rifles shall be restricted to specially designated and approved tactical units only (e.g., SRT) and shall not be issued for routine patrol use.</p> <p>Use is authorized only when there is a reasonable belief of an imminent threat to life and less-lethal options, handguns, or semi-automatic rifle fire are insufficient to control the threat.</p> <p>Deployments must be authorized by on-scene command or the tactical unit leader. Supervisor approval and documentation are required for each deployment.</p> <p>Automatic fire is permissible only when tactical necessity dictates and is consistent with policy.</p>
6. Training Requirements	<p>Select Fire Rifle Training (Special Response Team):</p> <p>SWAT Basic Course.</p> <p>POST-certified rifle course.</p> <p>SRT members must attend and pass biannual rifle qualifications. (Twice a year.)</p> <p>SRT members who do not pass either course may not deploy a rifle until the course is passed.</p> <p>SRT members are given up to 12 scheduled range dates with hands-on shooting range practice.</p>
7. Legal and Procedural Rules	Use is governed by California law (including use-of-force statutes and case law) and SHF's Use of Force policy.
8. Fiscal impact	~\$2500 each
9. Lifespan	8 - 15 years



Sniper Rifle (Bolt Action or Semi-Auto)

1. Description	A Sniper Rifle is a duty-grade precision rifle designed to deliver accurate, aimed fire at extended ranges. Typical components include a match-grade barrel, free-floating handguard or chassis, bolt, or short-stroke operating system, adjustable stock/chassis for shooter ergonomics, match trigger, high-magnification optics or low-power variable optics depending on mission, bipod or monopod support, and capability to accept suppressors or ballistic accessories where authorized.
2. Quantity	4
3. Capability	<p>Precision at extended ranges: Designed to deliver accurate aimed fire beyond typical handgun and patrol rifle effective ranges (commonly effective for precision engagements between ~300–1,200 yards depending on calibre and optics).</p> <p>Rapid follow-up shots: Semi-automatic action permits faster second and subsequent aimed shots than bolt-action rifles in dynamic scenarios.</p> <p>Modularity: Accepts mission-specific optics, ballistic calculators, suppressors (if authorized), and ballistic support accessories to tailor performance.</p> <p>Target discrimination and overwatch: Enables precision target identification, range engagement, and overwatch for high-risk operations such as hostage rescue, barricaded armed subjects, and active shooter incidents.</p>
4. Purpose	The Sniper Rifle is intended to be used only to protect life and preserve public safety by providing precision, controlled long-range capability where handgun or standard patrol rifle performance is inadequate.

Sniper Rifle (Bolt Action or Semi-Auto)	
	<p>Typical mission purposes include: overwatch during high-risk warrants and rescues, counter-sniper and active-shooter response where precision-aimed fire is necessary, protection of civilians and first responders from identified long-range threats, and specialized tactical roles assigned to trained precision teams. Deployment is intended to reduce collateral risk by improving shot placement and standoff distance.</p>
5. Authorized Uses	<p>Restricted personnel: Only designated, trained, and certified precision marksmen/sniper operators or designated marksman personnel within an approved tactical or precision team may be authorized to carry or deploy semi-automatic sniper rifles.</p> <p>Situations: Use is limited to incidents presenting an imminent threat to life where precision rifle capability is reasonably necessary and other less-lethal or lower-capability options cannot safely mitigate the threat (active shooter containment, armed barricaded suspect at standoff distances, hostage rescue overwatch, etc.).</p> <p>Supervisor oversight & documentation: Deployments must be authorized by on-scene command or the tactical leader and fully documented in incident reports; any discharge must trigger existing officer-involved-shooting investigations and reporting protocols.</p> <p>Prohibited uses: Routine patrol carriage or use for ordinary enforcement contacts, traffic stops, or consensual encounters is prohibited absent articulable exigent circumstances.</p>
6. Training Requirements	<p>Completion of an approved precision/semi-automatic sniper course that covers ballistics, range estimation, precision marksmanship, weapons handling, judgmental decision-making, legal standards for use of deadly force, and mission-specific scenario training.</p> <p>Documented live-fire qualification demonstrating accuracy and safe operation with authorized distances, target arrays, and scoring standards.</p> <p>Annual requalification plus periodic scenario-based proficiency training.</p>

Sniper Rifle (Bolt Action or Semi-Auto)	
7. Legal and Procedural Rules	Use-of-force law and SHF use-of-force policy govern engagements; any discharge causing injury or death will be investigated under existing critical incident and officer-involved-shooting protocols.
8. Fiscal impact	\$ 5000-10000 each
9. Lifespan	8 - 15 years



37 mm / 40 mm Less Lethal Launcher	
1. Description	A Less-Lethal Launcher is a purpose-built launcher capable of firing 37mm, 40mm, or proprietary less-lethal projectiles (impact/beanbag rounds, irritant projectiles, marking rounds, smoke rounds, and other SHF approved cartridges). Configurations include single-shot break-action and multi-shot rotary or tubular launchers. Munitions are designed and selected to produce non-lethal or less-lethal effects while minimizing risk of fatality when used according to manufacturer guidance and SHF policy.
2. Quantity	4
3. Capability	Standoff control: Deliver less-lethal effects at a distance to control or disperse violent individuals or crowds while reducing close-in confrontation. Varied munition effects: Capable of deploying direct-impact munitions (beanbag/impact rounds), irritant projectiles

37 mm / 40 mm Less Lethal Launcher	
	<p>(OC/irritant payload), marking/smoke rounds for identification or area denial, and training inert rounds.</p> <p>Rapid escalation options: Single-operator deployment allows graded force response (verbal → non-contact → less-lethal projectile).</p>
4. Purpose	<p>To provide a less-lethal, standoff option that reduces the risk of serious bodily injury or death compared with lethal firearms by enabling deputies and tactical teams to:</p> <ul style="list-style-type: none"> Deter, control, or disperse violent crowds or subjects; Provide non-lethal standoff effects during high-risk entries and rescues. Mark suspects or areas for tactical coordination; and Support de-escalation strategies by offering intermediate force options prior to lethal force.
5. Authorized Uses	<p>Authorized users: Trained and certified tactical, crowd-management, or designated less-lethal operators only. Not for routine patrol carriage absent specific authorization.</p> <p>Situations authorized: Violent crowd control where less-intrusive measures have failed or are unsafe; high-risk entry operations requiring non-lethal standoff effects; protection of life in incidents where less-lethal response is reasonably likely to achieve the objective.</p> <p>Restrictions: Prohibited against non-violent crowds, routine interactions, or where medical vulnerability of bystanders is unknown and risk cannot be mitigated. Use of irritant munitions on individuals requires consideration of medical risk and shall follow post-exposure monitoring protocols.</p>
6. Training Requirements	Completion of a POST or SHF-certified Less-Lethal Launcher Course covering device mechanics, munition types/effects, target discrimination, safe standoff distances, medical considerations, de-escalation integration, use-of-force decision-making, evidence collection, and scenario-based live-fire drills.

37 mm / 40 mm Less Lethal Launcher	
7. Legal and Procedural Rules	All use must comply with California law and SHF's use-of-force policy. SHF will comply with state and federal firearms/munition regulations for specific launcher or munition types.
8. Fiscal impact	\$3k each for initial purchase
9. Lifespan	8 - 15 years



Throwable Robotics	
1. Description	A small, lightweight, remotely operated tactical robot designed to be thrown or deployed into confined or hazardous spaces to provide situational awareness before personnel enter.
2. Quantity	2
3. Capability	The roller-designed robot can be controlled by a handheld controller up to 150 meters and can operate on varied indoor surfaces. It has low-light cameras and a microphone for audio surveillance. The throw robot cannot record and has no offensive capability. The throw robot cannot transmit sound.
4. Purpose	A small Throw Robot enhances officer safety, de-escalation, and tactical intelligence by enabling remote viewing of dangerous or unknown environments before entry.
5. Authorized Uses	<p>A Throw Robot may be used only when:</p> <ol style="list-style-type: none"> 1. A tactical team needs remote visual or audio reconnaissance to enhance safety 2. A known or suspected threat requires pre-entry assessment 3. Hostage, barricade, or armed subject situations

Throwable Robotics	
	<p>4. Search and rescue operations where direct access is unsafe</p> <p>5. Correctional facility incidents, including:</p> <ul style="list-style-type: none"> o Cell extractions o Barricaded inmates o Hostile or unknown conditions beyond line of sight <p>6. Hazardous material or unknown structure inspections</p>
6. Training Requirements	<p>In-Service Training that includes:</p> <p>Operation and deployment of the Throw Robot.</p> <p>Camera, audio, and controller functions.</p> <p>Communication with team members during live operations.</p> <p>Recharge/maintenance and storage protocols.</p> <p>Legal considerations related to recording, audio, and privacy laws.</p> <p>Integration into tactical and correctional operations.</p>
7. Legal and Procedural Rules	Use of the throw robot is for official law enforcement purposes and in a manner that respects the privacy and Fourth Amendment rights of our community.
8. Fiscal impact	\$5,000-\$15,000
9. Lifespan	10 years.



Robotics	
1. Description	Designed for rapid tactical missions, the robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces.

Robotics	
2. Quantity	1
3. Capability	The roller-designed robot can be controlled by a handheld controller and can operate on varied indoor surfaces. It has low-light cameras and a microphone for audio surveillance. With rubber tracks and articulating front and rear flippers, the large robot can climb stairs. It also includes an extendible rotating claw arm that simplifies opening door handles.
4. Purpose	A large robot enhances officer safety, de-escalation, and tactical intelligence by enabling remote viewing of dangerous or unknown environments before entry into rooms that smaller robots or drones cannot access.
5. Authorized Uses	<p>A Robot may be used only when:</p> <ol style="list-style-type: none"> 1. A tactical team needs remote visual or audio reconnaissance to enhance safety 2. A known or suspected threat requires pre-entry assessment 3. Hostage, barricade, or armed subject situations 4. Search and rescue operations where direct access is unsafe 5. Hazardous material or unknown structure inspections
6. Training Requirements	<p>In-Service Training that includes:</p> <p>Operation and deployment of the Robot.</p> <p>Camera, audio, and controller functions.</p> <p>Communication with team members during live operations.</p> <p>Recharge/maintenance and storage protocols.</p> <p>Legal considerations related to recording, audio, and privacy laws.</p> <p>Integration into tactical and correctional operations.</p>
7. Legal and Procedural Rules	Use of the robot is for official law enforcement purposes and in a manner that respects the privacy and Fourth Amendment rights of our community.
8. Fiscal impact	\$20,000 - \$80,000
9. Lifespan	10 years.

New equipment.



Tear Ball Grenade (OC)	
1. Description	The Tear Ball Grenade is a hand-deployed, spherical chemical agent munition that disperses oleoresin capsicum (OC) in aerosol and/or particulate form when activated. It is designed to roll and disperse irritant agent over a limited area, creating a temporary cloud intended to cause tearing, coughing, and discomfort to encourage compliance and dispersal.
2. Quantity	30
3. Capability	<p>The Tear Ball Grenade (OC) is intended to:</p> <ul style="list-style-type: none">• Assist in safely dispersing aggressive or violent crowds or groups when other de-escalation and control tactics have been exhausted or are ineffective.• Support the resolution of high-risk incidents such as barricaded subjects, violent disturbances in correctional settings, or other situations where there is an immediate threat to safety and a need to create distance or gain compliance.• Reduce the need for higher levels of force by providing a less-lethal option to influence subject behavior at a distance.
4. Purpose	<p>The Tear Ball Grenade (OC) is intended to:</p> <ul style="list-style-type: none">• Assist in safely dispersing aggressive or violent crowds or groups when other de-escalation and control tactics have been exhausted or are ineffective.• Support the resolution of high-risk incidents such as barricaded subjects, violent disturbances in correctional settings, or other situations where there is an immediate

Tear Ball Grenade (OC)	
	<p>threat to safety and a need to create distance or gain compliance.</p> <ul style="list-style-type: none"> • Reduce the need for higher levels of force by providing a less-lethal option to influence subject behavior at a distance.
5. Authorized Uses	<p>Use of the Tear Ball Grenade (OC) is authorized only when:</p> <ul style="list-style-type: none"> • There is an articulable threat to the safety of the public, staff, or involved individuals that cannot be reasonably controlled by lower-level tactics or tools. • De-escalation, verbal persuasion, and other reasonable alternatives have been attempted or are not feasible due to the immediacy of the threat. • Deployment is reasonably necessary to prevent injury, restore order, or safely resolve a critical incident, disturbance, or violent group event. • A supervisor has been notified and has approved deployment when feasible, recognizing that rapidly evolving situations may limit the ability to obtain prior approval. <p>Deployment shall be conducted in a manner that reasonably minimizes exposure to uninvolved persons and vulnerable, consistent with officer safety and the totality of circumstances.</p>
6. Training Requirements	<p>Only personnel who have completed agency-approved training on chemical agents, including OC characteristics, medical considerations, decontamination procedures, and decision-making for less-lethal options, may deploy Tear Ball Grenades (OC).</p> <p>Training shall include scenario-based exercises, legal updates, and review of the Sheriff's Use of Force policy.</p>
7. Legal and Procedural Rules	<p>Each deployment of a Tear Ball Grenade (OC) shall be documented in:</p> <ul style="list-style-type: none"> • The incident or offense report, including the rationale for use, type and number of munitions deployed, location, approximate distance, and observed subject behavior before and after deployment.

Tear Ball Grenade (OC)	
	<ul style="list-style-type: none"> Any required use-of-force or force review report, as defined by department policy.
8. Fiscal impact	~\$40 per grenade
9. Lifespan	<p>The lifespan of each Tear Ball Grenade (OC) is governed by manufacturer specifications and expiration dates. Items are considered at the end of their service life upon:</p> <ul style="list-style-type: none"> Reaching the manufacturer's expiration date, Deployment/use, or Being rendered unserviceable due to damage, corrosion, or other safety concerns.



Drone As A First Responder (DFR)	
1. Description	<p>The Drone First Responder (DFR) Program consists of small unmanned aircraft systems (sUAS) and trained operators deployed to provide rapid aerial situational awareness to first responders. Typical DFR platforms are portable, rapidly-deployable quadrotor drones equipped with high-resolution daylight cameras, optional thermal imaging, GPS, encrypted video link, and onboard lighting for night operations. The DFR is designed to arrive on scene faster than ground resources or manned aircraft to provide near-real-time imagery and data to incident commanders, patrol supervisors, EMS, and fire units.</p>
2. Quantity	6

Drone As A First Responder (DFR)	
3. Capability	<p>Sensor suite: Daylight HD camera (optical zoom recommended), optional thermal imager, GPS/location overlay, and automatic geo-tagging of imagery.</p> <p>Communications: Encrypted, low-latency video/data link to handheld/vehicle controllers and incident command display. Options for LTE/FirstNet uplink if required.</p> <p>Endurance & range: Typical flight times 20–40 minutes per battery with swap capability; operational range sufficient for urban incident coverage (model dependent).</p> <p>Rapid deployment: Backpack/vehicle portable, mission-ready within 2–5 minutes of arrival by trained operator.</p> <p>Payloads (optional): Loudspeaker, spotlight, or tethered communications module (subject to policy).</p> <p>Integration: Capability to stream into mobile command post displays, CAD, or incident command software for unified situational awareness.</p> <p>Resilience: Redundant GPS/return-to-home, geofencing, and flight-log export for auditing.</p> <p>Markings: High-visibility finish/markings for identification and safety in operations.</p>
4. Purpose	<p>The DFR Program will deliver rapid aerial situational awareness to first responders, materially improving officer and public safety by reducing unknowns at high-risk incidents, accelerating search and rescue responses, enabling faster incident command decisions, and providing an affordable alternative to manned aviation for initial scene assessment. The requested capability aligns with SHF mission objectives to protect life and to act with proportional, transparent, and accountable use of technology.</p>
5. Authorized Uses	<p>DFR deployment is limited to circumstances where aerial imagery materially improves officer/public safety or operational effectiveness, including but not limited to:</p> <ul style="list-style-type: none"> • Officer safety and tactical reconnaissance for high-risk calls (armed/suspected armed subjects, barricades) prior to entry.

Drone As A First Responder (DFR)	
	<ul style="list-style-type: none"> • Search and rescue / lost person initial search and scene assessment. • Active attacker / mass casualty incident overhead assessment to assist incident command and EMS triage. • Fire / hazmat scene overview to identify hotspots or hazardous zones (in coordination with fire/EMS). • Traffic incident management for fatal/crash scene overview when requested by investigators. • Scene documentation for non-investigatory situational awareness (not as evidence collection unless approved). <p>DFR shall not be used for routine surveillance of private residences, mass monitoring of lawful public demonstrations, indiscriminate searches without individualized suspicion, or in ways that circumvent privacy protections unless expressly authorized by law or exigent circumstances.</p>
6. Training Requirements	<p>Operator certification: All pilots/operators must complete an approved sUAS training program (departmental and FAA/POST/State-equivalent as applicable), including platform operation, safety, airspace rules, privacy law, and AB 481 reporting requirements.</p> <p>Mission training: Scenario-based training for each authorized use case (tactical recon, SAR, fire support), including integration with ground command and EMS.</p> <p>Recurrency: Annual or mission-frequency recertification; simulator or live-flight currency checks.</p> <p>Armorer/maintenance training: Personnel trained in battery care, firmware updates, and field maintenance.</p> <p>Recordkeeping: Maintain pilot certificates, flight logs, training records, and a roster of authorized operators.</p>
7. Legal and Procedural Rules	<p>UAS operations shall only be conducted in accordance with the SHF's policy, FAA Certificate of Waiver or Authorization (COA), or within the guidelines set out in Title 14 CFR, Part 107 (Code of Federal Regulations.)</p>
8. Fiscal impact	~\$250,000 each

Drone As A First Responder (DFR)	
9. Lifespan	3 - 7 years

Section 4: SUMMARY OF COMPLAINTS AND INTERNAL REPORTS.

The Sheriff's Office has entered into an agreement with the Department of Police Accountability (DPA) to accept and investigate complaints regarding its use of the equipment outlined in this policy.

During this reporting period, neither SHF nor DPA received any formal misconduct complaints regarding the use of military equipment by SHF.