

2024 Annual Military Equipment Report

The following report encompasses any equipment that falls under the definition of “military equipment” as defined in California Government Code § 7070. It includes equipment that has been purchased, owned, or used by the Calaveras County Sheriff’s Office. This report also includes such equipment for which the purchase and/or use may be sought in the coming year.

This 2024 Annual Military Equipment Report is the initial report and therefore does not contain historical information required to be provided by Government Code § 7072. Future editions will contain the required information for the preceding year.

Pursuant to California Government Code § 7070(d)(7), members of the public may register complaints, concerns, or submit questions about the use of each specific type of “military equipment” in this policy to the Calaveras County Sheriff’s Office in any of the following ways:

Via Email: AB481PC@calaverascounty.gov

Via Telephone: (209) 754-6500

Via Mail: Calaveras County Sheriff’s Office
1045 Jeff Tuttle Drive
San Andreas, Ca. 95249

Annual Military Equipment Use Report For 2024

1. Equipment Category: Unmanned Aerial Vehicle (UAV)

A. Summary of how the equipment was used:

During the 2023 Calendar year, the Calaveras County Sheriff's Office used unmanned aerial vehicles for four different operation types, including training, warrant services, scene documentation, and searches. The UAS was used for a total of 22.5 hours on warrant services, scene documentation, and searches during 2023, while an additional 6 hours were spent on training during the same time period.

During training, the UAV system is operated in daylight and nighttime conditions to familiarize the operator with the operation of the aircraft and to check equipment function.

During warrant services, the UAV is flown over a scene during the execution of a warrant to contribute to the safety of the community, involved persons, and deputies.

During searches, the UAV is flown over an area to assist with locating subjects.

While conducting scene documentation, the UAV is flown over an area and aerial photographs are obtained.

B. Summary of complaints received regarding the UAS:

None

C. Total Annual Cost of the UAS system, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the UAS system, including training, transportation, maintenance, storage, upgrades, and ongoing costs, was \$5,100.00. Additional costs include 60 hours of FTE rate at varying costs.

The Funding Source for costs incurred in 2024 will be based on the use of the UAS platform. Costs will be charged back to the home unit of the type of incident for which the UAV was used. Training costs will be borne by the primary budget unit of the personnel participating in the training.

D. Quantity possessed for each type of military equipment.

- **DJI MAVIC MINI**, cost: \$500 each, quantity: 2. Miniature UAS that weighs approximately 249 grams and is able to record video and audio with approximately 30 minutes of flight time.

- **DJI INSPIRE**, cost: \$2500 each, quantity: 1. UAS with a single-color camera, weighs approximately 7.5 pounds, and has video recording capabilities with approximately 30 minutes of flight time.
- **DJI MATRICE 210**, cost: \$19,166 each, quantity: 1. UAS that has a color and inferred camera as well as zoom capability and video recording. The Matrice 210 weighs 6.14 kilograms and has approximately 30 minutes of flight time.
- **DJI MAVIC PRO**, cost: \$1500, quantity: 1. UAS that weighs approximately 1.5 pounds, with 25 minutes of flight time and a single-color camera with recording capabilities.
- **DJI MAVIC 3**, cost: \$3,000, quantity: 1. UAS that weighs approximately 1.98 pounds, with 46 minutes of flight time and a single-color camera with recording capabilities.

E. Anticipated acquisitions of new UAS in 2024.

No aircraft additions to the UAS unit is planned in 2024.

2. Equipment Category: Robots

A. Summary of how the equipment was used:

During the 2023 Calendar year, the Calaveras County Sheriff’s Office used Robots for different operations types including training, searches, and Explosive Ordinance Disposal (EOD) operations.

B. Summary of complaints received regarding the Robots:

None.

C. Total Annual Cost of Robots, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the Robots was approximately \$3,000. This cost was for batteries to operate the robots and controllers. These batteries are universal and will work in multiple robots.

There was no storage or upgrading costs to the robots in 2023.

Training for the robots was included with prescheduled EOD monthly training.

D. Quantity possessed for each type of military equipment.

- **REMOTEC (RONS) EOD robot- 1**, acquired from the military at no cost, original cost: \$250,000 each, quantity: 1. The Remotec RONS robot is a heavy-duty robot. It has stair climbing abilities, arm capable of lifting 65lbs. It provides the ability to perform

reconnaissance, access to site, remote render-safe procedures, “pick-up and carry away”, and disposal tasks in a high-risk and/or contaminated environment.

- **QINETIQ TALON 5 EOD robot- 2**, acquired at no cost from the military, original cost: \$135,000, quantity: 2. The QINETIQ Talon 5 robot is a medium-sized tactical robot that has the ability to climb stairs and has an arm capable of lifting light loads. It provides the ability to perform reconnaissance, access to site, remote render-safe procedures, “pick up and carry away”, and disposal tasks in a high-risk and/or contaminated environment.
- **IRobot 510 Packbot- 1**, acquired from the military at no cost, original cost: \$77,000, quantity: 1. The IRobot 510 PackBot is a Man-Transportable robot that has the ability to climb stairs and navigate narrow passages. The IRobot has an arm that can lift 44lbs. It provides the ability to perform reconnaissance, access to site, remote render-safe procedures, “pick up and carry away”, and disposal tasks in a high-risk and/or contaminated environment.
- **IRobot 310 SUGV EOD robot- 2**, acquired from the military at no cost, original cost: \$126,462, quantity: 1. The IRobot 310 SUGV is a small, unmanned ground vehicle that is man-portable. The IRobot 310 SUGV has the ability to climb stairs and navigate narrow passages. The robot has an arm that can lift light payloads. It provides the ability to perform reconnaissance, access to site, remote render-safe procedures, “pick-up and carry away”, and disposal tasks in a high-risk and/or contaminated environment.

Anticipated acquisitions of new Robots in 2024.

No robot additions are planned in 2024.

3. Equipment Category: Armored Vehicles

Commercially produced wheeled armored personnel vehicle utilized for law enforcement purposes.

A. Summary of how the equipment was used:

During the 2023 Calendar year, the Calaveras County Sheriff’s Office used the BEARCAT armored vehicle and the Toyota light armored vehicles (LAV) for three different basic operation types. These operation types are as follows; pre-planned operations such as search warrants and arrest warrants, emergency response operations such as in-progress critical incidents, and training operations. Non-operational use of the BEARCAT and LAV’s includes attending certain community events within the county to represent the department.

The BEARCAT/LAV armored vehicle was deployed for 2 pre-planned operations and 2 emergency response operations. The BEARCAT was used during six SWAT Training Operations.

The BEARCAT was used in a variety of conditions which include daylight, night and inclement weather.

During these pre-planned and emergency response operations the BEARCAT is used to approach the suspect or target residence and conduct callouts of its occupants. The BEARCAT's armor provides enhanced safety to Deputies executing these operations. During one specific event in 2022, the Lenco Bearcat was used when a suspect attempted to murder deputies during a call for service. During this event, the Lenco Bearcat sustained several rounds from a high-powered rifle. The armor saved the deputies from great bodily harm or death.

In addition to the above listed events, the BEARCAT was displayed at approximately five community events. During these community events, members of the department were able to interact with members of the community and answer questions regarding the armored vehicles.

B. Summary of complaints received regarding the Armored Vehicles:

None.

C. Total Annual Cost of the Armored Vehicle systems, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the armored vehicle systems, including training, transportation, maintenance, storage, upgrades, and ongoing costs, was \$2,100.00.

The Funding Source for costs incurred in 2024 will be shared between the patrol budget and the marijuana enforcement unit based on usage. Training costs will be borne by the primary budget unit of the personnel participating in the training.

D. Quantity possessed for each type of military equipment.

Quantity of each Armored Vehicle:

- **LENCO BEARCAT, Model G3**, Cost: \$331,717.33 Quantity 1.
The Lenco Bearcat, G3, is an armored vehicle that seats 10-12 personnel with an open floor plan that allows for rescue of down personnel or citizens. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor. The Bearcat G3 has increased ground clearance and a robust suspension which allows for an emergency response to almost any situation.
- **TOYOTA SUV**, ¼ ton light armored vehicle, Original Government Cost: \$119,900. Calaveras County Cost: \$0.00 Quantity 2
The TOYOTA SUV, ¼ ton light armored vehicle, model year 2007. The Toyota armored vehicles are standard passenger vehicles that have been upfitted with light armor by way of government contracts. The two vehicles were acquired through the US

Government as surplus items. The Toyota vehicles have light armor which can stop various projectiles and are to be used for the safety of citizens and officers. The Toyota vehicles are four-wheel drive and can respond to areas of rescue and emergency over varied terrain.

E. Anticipated acquisitions of new Armored Vehicles in 2024.

No Armored Vehicle additions are planned in 2024.

4. Equipment Category: Command Vehicles

A. Summary of how the equipment was used:

During the 2023 Calendar year, the Calaveras County Sheriff's Office used command vehicles during responses to search and rescue incidents. The Calaveras County Sheriff's Office possesses one command vehicle, which is a 1999 Ford F550 ambulance that has been converted for search and rescue command.

The command vehicle was driven during 19 various search and rescue functions.

The command vehicle was used during 10 Search and Rescue incidents in 2023. The purpose of the command vehicle is to provide a dry, warm/cool location for command-level work to be accomplished.

B. Summary of complaints received regarding the Command vehicle:

None.

C. Total Annual Cost of the Command vehicle in 2023, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the command vehicle, including training, transportation, maintenance, storage, upgrades, and ongoing costs, was \$750.

No new command vehicles were purchased during 2023.

The Funding Source for costs incurred in 2024 will be borne by the patrol (Search and Rescue) budget.

D. Quantity possessed for each type of military equipment.

- **1999 FORD F550** (custom built) vehicle, cost: \$56,447.56 (used vehicle purchased), quantity: 1. The MIC can also be utilized for Search and Rescue, SWAT/CNT, and other critical

incidents, preplanned large events, searching for missing persons, natural disasters, and community events.

E. Anticipated acquisitions of new command vehicles in 2024.

No command vehicle additions are planned in 2024.

5. Equipment Category: 40mm Launchers and Rounds

40MM Launchers are utilized by The Calaveras County Sheriff's Office personnel as a less-lethal tool to launch impact rounds.

A. Summary of how the equipment was used:

During the 2023 Calendar year, the Calaveras County Sheriff's Office used the 40mm Less lethal launchers and munitions for three different basic operation types. These operation types are as follows; pre-planned operations such as search warrants and arrest warrants, emergency response operations such as in-progress critical incidents, and training operations.

The 40MM less lethal launcher was not deployed (fired) during any operations.

During annual Range Less Lethal Training and SWAT Training the 40mm less lethal launcher was used to train personnel on the safe operation, handling, and deployment of the system.

B. Summary of complaints received regarding the 40MM less lethal launcher:

None.

C. Total Annual Cost of the 40MM less lethal launcher and munitions, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the SWAT 40mm less lethal launcher and munitions, including training, transportation, maintenance, storage, upgrades, and ongoing costs, was \$13,462. This includes 6 new units (Penn Arms L140-4) and 175 Direct Impact Rounds. Additional costs include 60 hours of FTE rate at varying costs.

The Funding source for costs incurred in 2024 will come from the patrol budget based on the use of the 40mm Less Lethal launcher platform. Training costs will be borne by the primary budget unit of the personnel participating in the training.

D. Quantity possessed for each type of military equipment.

Quantity of each 40MM less lethal launcher and munition:

- **LEWIS MACHINE AND TOOL COMPANY (LMT), 40MM SINGLE SHOT LAUNCHER, #1425,** cost: \$1000, quantity: 17 total. 2 (SWAT Team). 14 (PATROL) 1 (Jail). The 40MM Single Shot Launcher features an expandable stock. It will fire standard 40mm less lethal and chemical agent ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 233 feet and is only authorized to be used by qualified personnel.
- **PENN ARMS L140-4 40MM SINGLE SHOT LAUNCHER,** cost: \$1500, quantity: 6 total. The L140-4 is a single shot launcher with a folding stock that can fire rounds up to 4.8 inches in length and capable of firing a variety of less lethal and chemical agent rounds by qualified personnel.
- **DEFENSE TECHNOLOGY 40MM DIRECT IMPACT EXTENDED RANGE-CS, #6322LE,** cost: \$32, quantity 9 Requesting 20 additional units. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm launcher with a rifled barrel. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact in addition to releasing CS irritant powder. The 40mm Direct Impact Extended Range Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 120-233 feet from the target.
- **DEFENSE TECHNOLOGY 40MM DIRECT IMPACT-CS, #6322,** cost: \$32, quantity: 8. Requesting 20 additional units. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose-built 40mm launcher with a rifled barrel. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact in addition to releasing CS irritant powder. The 40mm Direct Impact Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.
- **DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325,** cost: \$18 Quantity: 282. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm launcher with a rifled barrel at 325 FPS. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact. The 40mm Exact Impact Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.
- **DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT OC, #6320,** cost: \$30, Quantity: 8 Requesting 20 additional units. A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose-built 40mm launcher with a rifled barrel at 295 FPS. The 39-gram crushable foam projectile delivers 120 ft/lbs of energy upon impact in addition to dispersion of 5 grams of OC irritant. The 40mm Direct Impact OC Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.
- **DEFENSE TECHNOLOGY, FERRETT 40MM CS LIQUID BARRICADE PENETRATOR ROUND, #2262,** cost: \$28 quantity: 97. A less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload

inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.

- **DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE, CS, #6182**, cost: \$30, Quantity: 00. Requesting 10 additional units. The SPEDE-HEAT CS Long-Range Munitions delivers one chemical canister of CS agent from a 40 mm launcher down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede-Heat family may be used to conceal tactical movement or to route a crowd. This round may also be deployed into a structure during a suspect only deadly force encounter.
- **DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE ROUND, SAF SMOKE, #6183**, cost: \$30, quantity: 00. Requesting 10 additional units. The Spede-Heat Saf-Smoke Long Range Munitions is designed to deliver one chemical canister of Saf-Smoke™ payload down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede-Heat 40 mm is designed for outdoor use and has a maximum effective range of 150 yards. This round may also be deployed into a structure during a suspect only deadly force encounter.
- **DEFENSE TECHNOLOGY, 40MM ROUND MUZZLE BLAST, with OC, #6040**, cost: \$27, quantity: 00. Requesting 10 additional units. The 40 mm Muzzle Blast OC Round is widely used as a crowd management tool for the immediate and close deployment of chemical agent. It can also be employed in tactical operations such as barricaded subjects for area denial, area contamination, and a means of contaminating crawl spaces and attics. As a pain compliance round it is an excellent device for deploying chemical-laden OC powder at close ranges for indoor or outdoor operations. It has a maximum effective range of 30 feet /9.1 meters.
- **DEFENSE TECHNOLOGY, 40MM WARNING/SIGNALING MUNITION OC, #60280C**, cost: \$41, quantity: 00. Requesting 10 additional units. The 40mm Aerial Warning/Signaling Munition, 50 meters, is intended for use in situations where stand-off distance is desired, giving the operator the ability to engage crowds, vehicles, or vessels. Launched from a 40mm platform, the munitions deflagrate at a set distance of 50 meters to deliver 170 dB of sound and 5 million candelas of light, noticeable in day or night conditions. A tactile feature on the nose of the cone indicates the designated distance.
- **DEFENSE TECHNOLOGY, 40MM WARNING/SIGNALING MUNITION, #6029WS**, cost: \$44 quantity: 8. The 40mm Aerial Warning/Signaling Munition, 100 meter, is intended for use in situations where stand-off distance is desired, giving the operator the ability to engage crowds, vehicles, or vessels. Launched from a 40mm platform, the munitions

deflagrate at a set distance of 100 meters to deliver 170 dB of sound and 5 million candelas of light, noticeable in day or night conditions. A tactile feature on the nose of the cone indicates the designated distance.

- **DEFENSE TECHNOLOGY, 40MM FERRET OC POWDER BARRICADE PENETRATING ROUND, #2290**, cost: \$27 quantity: 12. A less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.
- **DEFENSE TECHNOLOGY, 40MM RUBBER BATON, #6064**, cost: \$28, quantity: 4. Requesting 6 additional units. The Rubber Baton round contains three rubber projectiles and may be used as a less lethal projectile during crowd management, corrections and while confronting a violent subject.
- **DEFENSE TECHNOLOGY, 250 SHOT 40MM TRAINING KIT, #6530**, cost: \$1,205, quantity 2. Training Kit allows personnel to train deploying the 40MM launcher during a wide range of scenarios. Training rounds duplicate the distance and power of live rounds to maximize training. This training kit is non-reusable and additional kits will be requested when the rounds near depletion.

DEVICES LISTED WITHIN SECTION 5 WITH THE CURRENT QUANTITY LISTED AS 00 HAVE BEEN DEPLETED OR ARE CURRENTLY UNAVAILABLE FROM THE MANUFACTURER DUE TO DEMAND. THIS DEPARTMENT INTENDS TO RE-STOCK THOSE DEVICES WHEN AVAILABLE OR APPROPRIATE TO MAINTAIN CONSTANT CRITICAL INCIDENT READINESS.

E. Summary of anticipated acquisitions listed above of new 40MM less lethal launchers and munitions in 2024.

- DEFENSE TECHNOLOGY 40MM DIRECT IMPACT EXTENDED RANGE-CS, #6322LE, requesting 20 additional units.
- DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT OC, #6320, Requesting 20 additional units.
- DEFENSE TECHNOLOGY 40MM DIRECT IMPACT-CS, #6322, requesting 50.
- DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE, CS, #6182, Requesting 10 additional units.
- DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE ROUND, SAF SMOKE, #6183, Requesting 10 additional units.
- DEFENSE TECHNOLOGY, 40MM ROUND MUZZLE BLAST, with OC, #6040, Requesting 10 additional units.
- DEFENSE TECHNOLOGY, 40MM WARNING/SIGNALING MUNITION OC, #6028OC, Requesting 10 additional units.

- DEFENSE TECHNOLOGY, 40MM FERRET OC POWDER BARRICADE PENETRATING ROUND, #2290, Requesting 20 additional units.
- DEFENSE TECHNOLOGY, 40MM RUBBER BATON, #6064. Requesting 6 additional units.

6. Equipment Category: Less Lethal Shotgun

Less Lethal Shotgun is used to deploy the less-lethal 12-gauge Defense Technology Drag Stabilized 12-ga Beanbag Round.

A. Summary of how the equipment was used:

The Calaveras County Sheriff’s Office SWAT Team uses the less lethal shotgun and munitions for three different basic operation types. These operation types are as follows; pre-planned operations such as search warrants and arrest warrants, emergency response operations such as in progress critical incidents, and training operations.

The shotgun less lethal launcher was not deployed (fired) at any operations during the 2023 calendar year.

B. Summary of complaints received regarding the shotgun less lethal launcher:

None.

C. Total Annual Cost of the Shotgun less lethal launcher and munitions, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the shotgun less lethal launcher system, including training, transportation, maintenance, storage, upgrades, and ongoing costs, was \$0.

The Funding source for costs incurred in 2024 will come from the patrol budget based on the use of the shotgun less lethal launcher platform. Training costs will be borne by the primary budget unit of the personnel participating in the training.

D. Quantity possessed for each type of military equipment.

Quantity of each shotgun less lethal launcher and munition:

- **REMINGTON 870 LESS LETHAL SHOTGUN**, cost: \$500, quantity: 2 The Remington 870 Less Lethal Shotgun is used to deploy the less-lethal 12-gauge Defense Technology Drag Stabilized Beanbag Round up to a distance of 75 feet. The range of the weapon system helps to maintain space between officers and a suspect reducing the immediacy of the threat which is a principle of de-escalation.

- **12 GAUGE DEFENSE TECHNOLOGY DRAG STABILIZED BEAN BAG ROUND**, cost \$5 each quantity: 20. The Drag Stabilized 12ga round has a translucent shell and uses a smokeless powder as a propellant. This powerful and effective round utilizes 4 stabilizing tails for improved accuracy. This round is loaded with a 40-Gram tear shaped bag made from cotton and ballistic material filled with #9 shot. It has a velocity of 270 fps with a maximum effective range of 75 feet.
- **DEFENSE TECHNOLOGY, FERRET 12-GAUGE LIQUID BARRICADE ROUND, CS, #3012**, cost: \$8, quantity: 20. The Ferret 12-Gauge Liquid CS non-pyrotechnical properties also eliminate the fire hazard common with other products. The Ferret round is available with either liquid or powder carriers for the agent. These munitions are a 2.5 in. 12-Gauge round deploying .025 oz. of active agent.

E. Anticipated acquisitions of new shotgun less lethal launchers and munitions in 2024.

No shotgun less lethal additions are planned in 2024.

7. Equipment Category: Distraction Devices.

A distract device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

A. Summary of how the equipment was used:

The Calaveras County Sheriff's Office SWAT Team uses the Distraction Devices for three different basic operation types. These operation types are as follows; pre-planned operations such as search warrants and arrest warrants, emergency response operations such as in-progress critical incidents, and training operations.

No distraction devices were deployed outside of training operations during the 2023 calendar year. During training operations six distraction devices (Def tech noise flash diversionary devices) were used.

B. Summary of complaints received regarding Distraction Devices:

None.

C. Total Annual Cost of Distraction Devices, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the distraction device program, including training, transportation, maintenance, and storage was \$74.

The Funding source for costs incurred in 2024 will come from the patrol budget and based on the use of the distraction devices. Training costs will be borne by the primary budget unit of the personnel participating in the training.

D. Quantity possessed for each type of military equipment.

Quantity of each Distraction Device:

- **DEFENSE TECHNOLOGY DISTRACTION DEVICE 12-GRAM RELOAD, #8901**, Cost: \$37. Quantity: 10. A non-bursting, non-fragmenting device that produces 175DB sound output and 6-8 million candelas for 10 milliseconds. Ideal for distracting dangerous suspects during high-risk arrest, hostage rescue and other high-risk situations.
- **COMBINED TACTICAL SYSTEMS, 7290-2 DISTRACTION DEVICE**, Cost: \$52, quantity: 00. Requesting 10 additional units. A two-bang, non-bursting, non-fragmenting multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
- **COMBINED TACTICAL SYSTEMS, 7290-9 DISTRACTION DEVICE**, cost: \$161, quantity: 00. Requesting 10 additional units. A nine-bang, non-bursting, non-fragmenting multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
- **COMBINED TACTICAL SYSTEMS, 7290M MINI DISTRACTION DEVICE**, cost: \$38, quantity: 00. Requesting 10 additional units. The 7290M Distraction Device exhibits all the same attributes of its larger counterpart but in a smaller and lighter package. The 7290M is approximately 30% lighter than the 7290 but still has the same 175db output of the 7290 and produces 6-8 million candelas of light.
- **DEFENSE TECHNOLOGY STINGER 60 CALIBER RUBBER BALLS, #1087**, cost: \$50, quantity: 5. Requesting 5 additional units. A maximum effect device that delivers three stimuli for psychological and physiological effects, rubber pellets, light and sound. This device is most widely used during crowd management, corrections and high-risk rescue or arrest.
- **DEFENSE TECHNOLOGY STINGER RUBBER BALL-CS, #1088**, cost: \$56, quantity: 2. Requesting 8 additional units. A maximum effect device that delivers four stimuli for psychological and physiological effects, rubber pellets, light, sound and CS powder. This device is most widely used during crowd management, corrections and high-risk rescue or arrest.
- **DEFENSE TECHNOLOGY STINGER RUBBER BALL-OC, #1089**, cost: \$56, quantity: 4. Requesting 6 additional units. A maximum effect device that delivers four stimuli for psychological and physiological effects, rubber pellets, light, sound and OC powder. This device is most widely used during crowd management, corrections and high-risk rescue or arrest.

E. Summary of anticipated acquisitions listed above of Distraction Devices in 2024.

- DEFENSE TECHNOLOGY DISTRACTION DEVICE 12-GRAM RELOAD, #8901, Requesting 10 Additional units.
- COMBINED TACTICAL SYSTEMS, 7290-2 DISTRACTION DEVICE, Requesting 10 additional units.
- COMBINED TACTICAL SYSTEMS, 7290-9 DISTRACTION DEVICE, Requesting 10 additional units.
- COMBINED TACTICAL SYSTEMS, 7290M MINI DISTRACTION DEVICE, Requesting 10 additional units.
- DEFENSE TECHNOLOGY STINGER 60 CALIBER RUBBER BALLS, #1087, Requesting 5 additional units.
- DEFENSE TECHNOLOGY STINGER RUBBER BALL-CS, #1088, Requesting 8 additional units.
- DEFENSE TECHNOLOGY STINGER RUBBER BALL-OC, #1089, Requesting 6 additional units.

8. Equipment Category: Rifles

Guns that are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.

A. Summary of how the equipment was used:

The Calaveras County Sheriff's Office SWAT Team uses the rifles for three different basic operation types. These operation types are as follows; pre-planned operations such as search warrants and arrest warrants, emergency response operations such as in-progress critical incidents, and training operations. Rifles are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.

During the 2023 Calendar year no rifles were deployed (fired) outside of training.

B. Summary of complaints received regarding Rifles:

None.

C. Total Annual Cost of Rifles, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the Rifle program, including training, transportation, maintenance, storage, upgrades, and ongoing costs, was \$13,719.48. This includes the purchase of 9 Colt M4 Commando Rifles and 1 Sig Sauer 716i Rifle.

The Funding source for costs incurred in 2024 will be come from the patrol budget based on the use of the SWAT rifle program. Training costs will be borne by the primary budget unit of the personnel participating in the training.

D. Quantity possessed for each type of military equipment.

Quantity of each Rifle and Rounds:

- **HECKLER & KOCH UMP 40, .40 CALIBER RIFLE**, cost: \$2,200 each, quantity: 12. The Heckler & Koch UMP40 is a folding-style gun developed and manufactured by Heckler & Koch. Heckler & Koch developed the UMP as a lighter and cheaper successor to the alternate, MP5. This firearm is chambered in .40 caliber Smith & Wesson and uses 30 round magazines. The barrel length on this described firearm is 7.87 inches with an overall length of, 17.91. These firearms are a short-barreled platform that allows the trained Officer better control inside of structures with greater accuracy than a handgun/pistol.
- **SPRINGFIELD ARMORY M14/M1A**, quantity: 17, acquired from the military at no cost, original cost: \$2000 each. The M14/M1A is a semi-automatic rifle that fires the .308 WIN round. It has an 18" barrel. The M14/M1A rifles are highly accurate and durable. The .308 round is more powerful than the standard issued patrol rifle and has ballistic capabilities at greater distances.
- **COLT M16A1 RIFLE**, received from the military at no cost, cost: \$1,000 to convert and outfit rifles for police use, quantity: 1. The M16 rifle, officially designated Rifle, Caliber 5.56MM.
- **COLT M4 COMMANDO**, quantity: 12, cost: \$1200 each. The Colt M4 Commando is a select fire weapon that can be fired in semi-auto or fully auto. This rifle has a 11.5-inch barrel and is chambered in .223 which is more powerful than a standard pistol. The short-barreled rifle allows a trained officer better control inside of structures with greater accuracy than a handgun. This rifle platform allows for additional optics to improve shooting speed and accuracy.
- **COLT M-16/ A4 CARBINE**, quantity: 8, cost: \$1200 each. The Colt M-16/A4 carbine is a select fire weapon that can be fired in semi-auto or fully auto. These rifles have short barrels (11.5 inches or 14 inches) and are chambered in .223 which is more powerful than the standard pistol. The short barrel rifle allows a trained officer better control inside of structures with greater accuracy than a handgun. This shooting platform allows for additional optics to improve speed and accuracy.
- **RUGER AC556**, cost: \$1200 each, quantity: 1. The Ruger AC556 is a select-fire weapon that can be fired in semi-auto, burst fire, or fully auto. This rifle has a short barrel (13 inches) and is chambered in .223 which is more powerful than the standard pistol. The short barrel rifle allows a trained officer better control inside of structures with greater

accuracy than a handgun. This shooting platform allows for additional optics to improve speed and accuracy.

- **FEDERAL PREMIUM GOLD MEDAL SIERRA MATCHKING.308 WINCHESTER 168GR RIFLE ROUND**, cost: \$398 per box of 20, quantity: 8 boxes. The Federal Gold Medal .308 Winchester ammunition is new production ammo that features a 168 Grain Sierra MatchKing Hollow Point Boat Tail bullet, a non-corrosive boxer primer and the .308 Winchester ammunition is brand new never fired virgin brass casing that can be reloaded up to seven times for those shooters that reload their .308 Winchester ammunition. Sierra MatchKing Boat-tail bullet with Federal's proprietary delivery system. Federal's Gold Medal .308 Winchester ammo offers a muzzle speed of 2650 feet per second and a muzzle energy of 2619 foot pounds.
- **SIG SAUER 716i RIFLE**, quantity: 2, cost, \$4,405. The Sig Sauer 716i is a precision semi-automatic rifle that fires a .308 caliber cartridge. This rifle is equipped with a 16-inch barrel and has specialized optics mounted to provide precision shot placement. This rifle is only operated by specially trained officers who have successfully completed a precision rifle training course.

E. Anticipated acquisitions of Rifles in 2024.

- 2 bolt action or semi-automatic precision 308 caliber rifles.

9. Equipment Category: Chemical Agent and Smoke canisters

Canisters that contain chemical agents that are released when deployed.

A. Summary of how the equipment was used:

The Calaveras County Sheriff's Office SWAT Team uses the chemical agent and smoke canisters for four different basic operation types. These operation types are as follows; pre-planned operations such as search warrants and arrest warrants, emergency response operations such as in-progress critical incidents, riots or civil unrest and training operations. Chemical agent canisters contain chemical agents such as OC and CS that are released when deployed causing temporary eye and respiratory irritation. Smoke has no chemical agents and is used in screening, signaling or as a carrier for chemical agent smoke to extend its airborne time.

During the 2023 calendar year no Chemical agents or smoke canisters were used outside of training operations.

B. Summary of complaints received regarding Chemical Agents and Smoke Canisters:

None.

C. Total Annual Cost of Chemical Agents and Smoke, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the Chemical agent and smoke program, including training, transportation, maintenance, and storage was \$0.

The Funding source for costs incurred in 2024 will be based on the use of chemical agent and smoke canister systems.

D. Quantity possessed for each type of military equipment.

Quantity of each Chemical Agent or Smoke Cannister:

- **DEFENSE TECHNOLOGY, TRIPLE-CHASER SEPARATING CANISTER, CS, #1026**, cost: \$47, quantity: 00. Requesting 10 additional units. The Triple-Chaser CS Canister consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This canister can be hand thrown or launched from a fired delivery system. The canister is 6.5 in. by 2.7 in. and holds an approximately 3.2 oz. of active agent payload. It has an approximate burn time of 20-30 seconds. This canister may also be used in-doors during a suspect only deadly force encounter.
- **DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE CANISTER, CS, #1082**, cost: \$29, quantity: 5. Requesting 5 additional units. The Riot Control CS Canister is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent. This device may also be deployed in-doors when used in combination with the Burn Safe. This device may also be used in-doors during a suspect only deadly force encounter.
- **COMBINED TACTICAL SYSTEMS (CTS) CS SMOKE CANISTER, #5230**, cost: \$31, quantity: 8. The CTS CS Smoke Canister is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This canister is used with the Bearcat Gas Injector Unit to safely deploy CS into structures. This device may also be deployed in-doors when used in combination with the Burn Safe. This device may also be used in-doors during a suspect only deadly force encounter.
- **COMBINED TACTICAL SYSTEMS (CTS) RIOT CS CANISTER, #6230**, cost: \$35, quantity: 8. The CTS Riot CS Canister is designed specifically for outdoor use in crowd control

situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent. This device may also be deployed in-doors when used in combination with the Burn Safe. This device may also be used in-doors during a suspect only deadly force encounter.

- **DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS CANISTER, #1032,** cost: \$46, quantity: 8. Requesting 2 additional units. The design of the Tri-Chamber Flameless CS Canister allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The canister is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This canister will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Canister can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects from structures/vehicles. The purpose of the Tri-Chamber Flameless Canister is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Canister provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure. The Tri-Chamber Flameless Canister is NOT to be launched utilizing a launching cup.
- **DEFENSE TECHNOLOGY INSTANTANEOUS OC CANISTER, #1040,** cost: \$56, quantity: 4. Requesting 6 additional units. Designed for indoor or outdoor use, where the OC powder is expelled upon initiation of a small internal detonator that has sufficient force to split the cannister at six machined groves on the outside surface. This device is well suited for indoor/confined spaces during high risk rescue, arrest and barricaded subjects. Will deliver 1.5 oz of active agent.
- **DEFENSE TECHNOLOGY INSTANTANEOUS CS CANISTER, #1042,** cost: \$54, quantity: 7. Requesting 3 additional units. Designed for indoor or outdoor use, where the CS powder is expelled upon initiation of a small internal detonator that has sufficient force to split the cannister at six machined groves on the outside surface. This device is well suited for indoor/confined spaces during high risk rescue, arrest and barricaded subjects. Will deliver 1.5 oz of active agent.
- **DEFENSE TECHNOLOGY, FLAMELESS EXPULSION CS CANISTER, #2042,** cost: \$48, quantity: 00. Requesting 10 additional units. The CS Flameless Expulsion Canister is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It is safe to use inside of a residence. Unlike pyrotechnical Canisters, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a

confined area of approximately 1500 square feet. This canister is 7.5 in. by 1.65 in. and delivers approximately .16 oz. of active agent during its 3-second discharge time.

- **DEFENSE TECHNOLOGY, FLAMELESS EXPULSION OC CANISTER, #2040**, cost: \$49, quantity: 00. Requesting 10 additional units. The OC Flameless Expulsion Canister is a compact, non-pyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It is safe to use inside of a residence. Unlike pyrotechnical canisters, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1500 square feet. This canister is 7.5 in. by 1.65 in. and delivers approximately .02 oz. of active agent during its 3-second discharge time.
- **DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE CANISTER, #1083**, cost: \$39, quantity: 2. Requesting 8 additional units. The Maximum HC Smoke Canister is a slow burning, high volume, continuous discharge device designed for outdoor use in crowd management and tactical situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes. This device may also be used in-doors during a suspect only deadly force encounter.
- **COMBINED TACTICAL SYSTEMS (CTS) WHITE SMOKE CANISTER, #6210**, cost: \$35, quantity 7. This canister may be used during high risk rescue or arrest incidents to cause diversion, screen movements and signaling. This canister may also be used indoors during suspect only deadly force encounters.
- **PINE BLUFF M18 COLOR SMOKE CANISTER, #18-83**, cost: \$39, quantity: 5. The M18 Color Smoke Canister is used for emergency signaling, aircraft signaling, diversions, crowd control and screening movements. Smoke colors include red, green, violet, yellow and white. This canister may also be used in-doors during suspect only deadly force encounters.
- **DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER SAF-SMOKE CANISTER, #1033**, cost: \$43, quantity: 00. Requesting 10 additional units. The design of the Tri-Chamber Flameless Safe-Smoke Canister allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The canister is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This canister will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Canister can be used in crowd control as well as in-door/out-door tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Canister is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Canister provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.

- **DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS CANISTER, #1030**, cost: \$46, quantity: 8. Requesting 2 additional units. The design of the Tri-Chamber Flameless CS Canister allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The canister is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject from structures/vehicles. This canister will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless CS Canister can be used in crowd control as well as in-door/out-door tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless CS Canister is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless CS Canister provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.
- **DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE OC CANISTER, #1080**, cost \$41, quantity: 5. Requesting 10 additional units. The Riot Control OC Canister is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.35 in. and holds approximately 0.88 oz. of active agent. This device may also be used in-doors during a suspect only deadly force encounter.
- **DEFENSE TECHNOLOGY, OC TRIPLE-CHASER SEPARATING CANISTER, #1020**, cost: \$61, quantity: 00. Requesting 10 additional units. The OC Triple-Chaser Canister consists of three separate canisters pressed together. This device can be hand thrown or launched from a delivery system. The canister is 6.5 in. by 2.7 in. and holds approximately 1.06 oz. of active agent payload. It has an approximate burn time of 20-30 seconds. This device may also be used in-doors during a suspect only deadly force encounter.
- **DEFENSE TECHNOLOGY, OC VAPOR AEROSOL CANISTER, #1056**, cost: \$49, quantity: 00. Requesting 10 additional units. The Defense Technology OC Vapor Aerosol Canister is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The incapacitating effect of the OC Vapor on the subject is dramatic with minimal decontamination needed. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Canister is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder or liquid devices is not practical or desired.

- **DEFENSE TECHNOLOGY, AEROSOL OC/CS CANISTER, #1050,** cost: \$60, quantity: 6. Requesting 4 additional units. Designed for indoor/outdoor use in confined areas where the use of a pyrotechnic device is not practical or desired.
- **DEFENSE TECHNOLOGY, OC AEROSOL CANNISTER 1.3% FOGGER, 6 OUNCE, #56854,** cost: \$22, quantity: 00. Requesting 10 additional units. The 6 oz. OC Aerosol Canister will deliver its payload of 1.3% MC% OC in 20-25 seconds. This is an anatomized mist which enhances the pungent 1.3% OC formulation. Ideal for area denial areas like attics, garages, etc. This device has minimum clean up. The canister may also be handheld to direct the spray pattern. This product is designed to provide room clearing ability with minimum clear up requirements.
- **DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 STREAM OC AEROSOL, #56895,** cost: \$55, quantity: 00. Requesting 5 additional units. The MK-9 features an easy to use trigger handle, is intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.
- **DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 FOGGER OC AEROSOL, #43953,** cost: \$57, quantity: 00. Requesting 5 additional units. The MK-9 features an easy to use trigger handle, is intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This 1.3% MC OC aerosol product utilizes a cone or fogger delivery method providing a wide spray pattern for easier target acquisition.
- **DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-46V STREAM OC AEROSOL #43046,** cost: \$495, quantity: 00. Requesting 1 additional unit. The MK-46 features a trigger handle, is intended for use in crowd management and will deliver 26 short bursts of OC at an effective range of 25-30 ft. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.
- **TEAR GAS RESOURCE BURN SAFE, #BurnSafe,** cost: \$2,699, quantity: 1. Requesting 1 additional unit upon manufacturer recommended replacement date. The Burn Safe is a doubled walled container constructed out of aluminum. It is designed to contain the flames produced by pyrotechnic chemical munitions inside the inner chamber thereby reducing the probability of starting a fire. The Burn Safe allows the introduction of significant amounts of pyrotechnic non-lethal chemical agent indoors which increases the probability of a successful resolution. This Burn Safe can be either hand delivered or initiated by robot. Recommended to be replaced after 5 years of service or earlier with heavy use.
- **LENCO BEARCAT GAS INJECTOR UNIT, #GIU,** quantity: 1. The GIU is a multi-use tool designed specifically for the safe dispersion of chemical agents into a hostile environment, including homes, automobiles and other hardened structures. The

injector unit's primary use is to be mounted to the ram of the Lenco Bearcat, allowing a trained SWAT operator to deliver a chemical agent from the safety of the bearcat.

- **DEFENSE TECHNOLOGY #34 LAUNCHING CUP #34**, cost: \$150, quantity: 1. The Defense Technology #34 is a metal cup that attaches to the muzzle of a 12-gauge shotgun, which launches canister rounds. The cup is used to deploy smoke or chemical agent devices by expelling the desired device up to 50 yards using a 12-gauge blank.
- **DEFENSE TECHNOLOGY #100 LAUNCHING CUP #100**, cost: \$150, quantity: 1. The Defense Technology #100 is a metal cup that attaches to the muzzle of a 12-gauge shotgun which launches rubber ball rounds. The cup is used to deploy smoke or chemical agent devices by expelling the desired device up to 50 yards using a 12-gauge blank.
- **LAKE ERIE CHEMICAL COMPANY LAUNCHING CUP**, cost: \$150, quantity: 1. The Lake Erie Chemical Company Launching Cup is a metal cup that attaches to the muzzle of a 12-gauge shotgun. The cup is used to deploy smoke or chemical agent devices by expelling the desired device up to 50 yards using a 12-gauge blank.
- **COMBINED TACTICAL SYSTEMS LC5 LAUNCHING CUP #LC5**, cost: \$347, quantity: 00. Requesting one unit. The LC5 Launching Cup is designed for the 5200 series smoke/chemical agent devices. The cup can be attached to virtually any 12-gauge shotgun and can launch the 5200 series device using the CTS 2600 launching cartridge.
- **COMBINED TACTICAL SYSTEMS LC6 LAUNCHING CUP #LC6**, cost: \$347, quantity: 00. Requesting one unit. The LC6 Launching Cup is designed for the 6200 series smoke/chemical agent devices. The cup can be attached to virtually any 12-gauge shotgun and can launch the 6200 series device using the CTS 2600 launching cartridge.
- **COMBINED TACTICAL SYSTEMS 2600 Launching Cartridge #2600**, cost: \$6.88, quantity: 00. Requesting 40 units. The Combined Tactical Systems 2600 Launching Cartridge is used in combination with the LC5 or LC6 launching cups. This blank cartridge, when deployed, launches either the 5200 or 6200 CTS device.

E. Summary of anticipated acquisitions listed above of Chemical Agents and Smoke in 2024.

- COMBINED TACTICAL SYSTEMS LC5 LAUNCHING CUP #LC5, cost: \$347, quantity: 1. Requesting one unit.
- COMBINED TACTICAL SYSTEMS LC6 LAUNCHING CUP #LC6, cost: \$347, quantity: 1. Requesting one unit.
- COMBINED TACTICAL SYSTEMS 2600 Launching Cartridge #2600, cost: \$6.88, quantity: 00. Requesting 100 units.
- TEAR GAS RESOURCE BURN SAFE, #BurnSafe, cost: \$2,699, quantity: 1. Requesting 1 additional unit upon manufacturer recommended replacement date.
- DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER SAF-SMOKE CANISTER, #1033, cost: \$43, quantity: 00. Requesting 10 additional units

- DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS CANISTER, #1030, cost: \$46, quantity: 8. Requesting 2 additional units.
- DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE OC CANISTER, #1080, cost \$41, quantity: 00. Requesting 10 additional units.
- DEFENSE TECHNOLOGY, OC TRIPLE-CHASER SEPARATING CANISTER, #1020, cost: \$61, quantity: 00. Requesting 10 additional units.
- DEFENSE TECHNOLOGY, OC VAPOR AEROSOL CANISTER, #1056, cost: \$49, quantity: 00. Requesting 10 additional units.
- DEFENSE TECHNOLOGY, AEROSOL OC/CS CANISTER, #1050, cost: \$60, quantity: 6. Requesting 4 additional units.
- DEFENSE TECHNOLOGY, OC AEROSOL CANNISTER 1.3% FOGGER, 6 OUNCE, #56854, cost: \$22, quantity: 00. Requesting 10 additional units
- DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 STREAM OC AEROSOL, #56895, cost: \$55, quantity: 00. Requesting 5 additional units.
- DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 FOGGER OC AEROSOL, #43953, cost: \$57, quantity: 00. Requesting 5 additional units.
- DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-46V STREAM OC AEROSOL #43046, cost: \$495, quantity: 00. Requesting 1 additional unit.
- DEFENSE TECHNOLOGY INSTANTANEOUS OC CANISTER, #1040, cost: \$56, quantity: 4. Requesting 6 additional units.
- DEFENSE TECHNOLOGY, FLAMELESS EXPULSION CS CANISTER, #2042, cost: \$48, quantity: 00. Requesting 10 additional units.
- DEFENSE TECHNOLOGY, FLAMELESS EXPULSION OC CANISTER, #2040, cost: \$49, quantity: 00. Requesting 10 additional units.
- DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE CANISTER, #1083, cost: \$39, quantity: 2. Requesting 8 additional units.
- DEFENSE TECHNOLOGY, TRIPLE-CHASER SEPARATING CANISTER, CS, #1026, cost: \$47, quantity: 00. Requesting 10 additional units.
- DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE CANISTER, CS, #1082, cost: \$29, quantity: 5. Requesting 5 additional units.

10. Equipment Category: Explosive Breaching Tools

Tools that are used to conduct an explosive breach.

A. Summary of how the equipment was used:

The Calaveras County Sheriff's Office SWAT Team uses Explosive breaching tools for three different basic operation types. These operation types are as follows; pre-planned operations such as search warrants and arrest warrants, emergency response operations such as in-progress critical incidents, and training operations.

During the 2023 Calendar year no explosive breaching tools were used outside of training operations.

B. Summary of complaints received regarding Explosive Breaching tools:

None.

C. Total Annual Cost of Explosive Breaching Tools, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

During the 2023 Calendar year, the total cost of the explosive breaching systems, including training, transportation, maintenance, and storage was \$0.

The Funding source for costs incurred in 2024 will be based on the use of the explosive breaching program. Training costs will be borne by the primary budget unit of the personnel participating in the training.

D. Quantity possessed for each type of military equipment.

Quantity of each Explosive Breaching Tools:

- **DETONATING CORD**, cost: \$1 per foot, quantity: 500 feet. The detonating cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 m/s, any common length of detonation cord appears to explode instantaneously. It is a high- speed fuse which explodes, rather than burns, and is suitable for detonating high explosives.
- **BLASTING CAP**, cost: \$12, quantity: 50. A blasting cap is a small sensitive primary explosive device generally used to detonate a larger, more powerful and less sensitive secondary explosive such as TNT, dynamite, or plastic explosive. Blasting caps come in a variety of types, including non-electric caps, electric caps, and fuse caps.
- **REMINGTON 870 EXPRESS BREACHING SHOTGUN**, cost \$800 each, quantity 2. The Remington 870 Breaching shotgun is chambered in 12ga and has an 11-inch barrel and breaching standoff. This weapon is equipped with a collapsible stock and pistol grip. This short-barreled shotgun allows trained operators better control and maneuverability in confined areas. This weapon allows for breachers to safely utilize shotgun breaching rounds in order to defeat deadbolts, locks, and hinges.
- **DEFENSE TECHNOLOGY 12GA TKO BREACHING ROUND**, cost \$5 each, quantity 150. The Defense Technology 12ga TKO breaching round has a translucent shell loaded with a compressed zinc slug. The TKO breaching round is capable of defeating door lock mechanisms, doorknobs, hinges, deadbolt, safety chains, and padlocks both on wooden or hollow core doors. Upon impact with the target, the zinc slug disintegrates into a fine powder eliminating additional fragmentation.

E. Anticipated acquisitions of Explosive Breaching Tools in 2024.

None planned in 2024.

11. Equipment Category: PepperBall Launcher

A. Summary of how the equipment was used:

During the 2023 Calendar year, the Calaveras County Sheriff's Office did not use any PepperBall Launcher for either training or intended use.

B. Summary of complaints received regarding the PepperBall Launcher:

None.

C. Total Annual Cost of the PepperBall Launchers in 2023, including acquisition (if occurred in this reporting period), personnel, training, transportation, maintenance, storage, upgrades, and other ongoing costs.

D. Quantity possessed for each type of military equipment.

- **BYRNA SD PepperBall Launcher**, cost \$350, quantity: 6. The Byrna SD is powered by compressed air (CO2) and operated using one hand. It has a detachable five-round magazine and shoots .68 caliber round kinetic and/or chemical irritant projectile with an effective range of up to 60-feet.
- **Pepper Ball CARBINE**, cost: \$1,215.00, quantity: 2. The Variable Kinetic System (VKS) is a compressed-air powered launcher designed to fire non-lethal Pepper Ball projectiles. The Pepper Ball VKS Pro features a single Hopper mode.
- **Pepper Ball VXR LIVE-X PROJECTILE**, cost: \$3 per projectile, quantity: 150. The basic Pepper Ball projectile contains 5% PAVA pepper powder, and is designed for direct impact and area saturation, especially in confined, interior spaces. Discharged from a Pepper Ball Launcher, the projectile has a velocity of 280-300 FPS. The projectile has a direct impact of 60ft and an area of saturation of 150+ft. The projectile contains 0.5% PAVA Powder.
- **Pepper Ball VXR Inert Powder PROJECTILE**, cost: \$0.86 per projectile, quantity: 375. The Live Projectile does not contain a concentrated amount of PAVA pepper powder. Discharged from a Pepper Ball Launcher, the projectile has a velocity of 280-425 FPS. The projectile has a direct impact of 150ft and an area of saturation of 390+ft. The projectile does not contain any PAVA Powder.
- **BYRNA PEPPER PROJECTILES**, cost \$6 per projectile, quantity: 25. Byrna Pepper projectiles are a .68 caliber round and contain 1% Oleoresin Capsicum (OC) 4% PAVA.
- **BYRNA KINETIC PROJECTILES**, cost \$2 per projectile, quantity: 25. Byrna kinetic projectiles are a .68 caliber hard, solid projectile which do not break upon impact and do not contain any active ingredient.

E. Anticipated acquisitions of new PepperBall Launchers in 2024.

No PepperBall Launchers additions are planned in 2024.

