

SANTA BARBARA POLICE DEPARTMENT MILITARY USE EQUIPMENT INVENTORY 2022

1. Robot: A remotely controlled unmanned machine that operates on the ground, which is utilized to enhance the safety of the community and officers.
 - a. Description, quantity, capabilities, and purchase cost
iRobot 110 FirstLook, cost \$25,000, quantity:1. Lightweight unmanned ground vehicle.
 - b. Purpose
To be used to remotely gain visual/audio data, deliver negotiation phone, open doors, disrupt packages, and clear buildings.
 - c. Authorized Use
Assigned SWAT operators.
 - d. Expected Life Span 8-10 years.
 - e. Fiscal Impact
No ongoing maintenance costs.
 - f. Training
Robot operators trained per the instructions included with the robot.
 - g. Legal and Procedural Rules
It is the practice of the SBPD to utilize a robot only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.

2. Armored Vehicles: Commercially produced wheeled armored personnel vehicle utilized for law enforcement purposes.
 - a. Description, quantity, capabilities, and purchase cost
LENCO BEARCAT, G2, cost: \$315,000, quantity: 1. The Lenco Bearcat, G2, is an armored vehicle that seats 10-12 personnel with open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor.
 - b. Purpose
To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.
 - c. Authorized Use
The use of armored vehicles shall only be authorized by a watch commander or SWAT commander, based on the specific circumstances of a given critical incident. Armored vehicles shall be used only by officers trained in their deployment and in a manner consistent with Department policy and training.
 - d. Lifespan
Lenco Bearcat model G2, 25 years.

- e. Fiscal Impact
Annual maintenance cost of approximately \$5,000.
- f. Training
All driver/operators shall be trained in vehicle operations and practical driving instruction.
- g. Legal and Procedural Rules
Use is established under Policy section 706. It is the policy of the Department to utilize armored vehicles only for official law enforcement purposes, and pursuant to State and Federal law.

3. Mobile Incident Command Vehicle (MIC): A vehicle used mobile office that provides shelter, access to Department computer and communication systems during extended events.

- a. Description, quantity, capabilities, and purchase cost
Ford F59 Aluminum Body chassis with gas engine, (custom built) vehicle by LDV Custom Specialty Vehicles, cost: \$250,000, quantity: 1. The MIC can also be utilized for SWAT/CNRT and other critical incidents, preplanned large events, searching for missing persons, natural disasters, and community events. The vehicle requires at a minimum a Class C Driver's License.
- b. Purpose
To be used based on the specific circumstances of a given critical incident, large event, natural disaster or community event that is taking place.
- c. Authorized Use
Only officers trained in their deployment and operations in a manner consistent with Department policy and training are authorized to operate the MIC. Situations which the MIC is authorized for use would include but not be limited to critical incidents, emergencies and natural disasters.
- d. Lifespan
The MIC, 20-year lifespan on chassis and vehicle structure. Upgrades needed in 7 years to maintain IT systems.
- e. Fiscal Impact
Annual maintenance cost is approximately \$12,000.
- f. Training
The driver/operator shall receive training in the safe handling of the vehicle on a closed training course, supervised by a CNRT and/or Fleet Supervisor. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle throughout the city with an experienced driver.
- g. Legal and Procedural Rules
It is the policy of the Department to use the MIC only for official law enforcement purposes, and in accordance with California State law regarding the operation of motor vehicles.
- h. Training

Once completing a closed training course, the operator will drive the vehicle throughout the city with an experienced MIC vehicle driver.

i. Legal Procedural Rules

Use shall be in accordance with California State law regarding the operation of motor vehicles.

4. 40 MM Launchers and Rounds: 40MM Launchers are utilized by department personnel as a less lethal tool to launch impact rounds, and for delivery of chemical agents.

a. Description, quantity, capabilities, and purchase cost

- i. DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, cost: \$1000, quantity: 2. The 40MM Single Launcher is a tactical single shot launcher that features a tactical stock and adjustable front grip with light rail. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It is only authorized to be used by trained personnel.
- ii. LEWIS MACHINE AND TOOL (LMT) 40MM SINGLE SHOT LAUNCHER, cost \$700, quantity: 2, a tactical single-shot launcher with pistol grip and tactical stock. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It is only authorized to be used by trained personnel.
- iii. PENN ARMS 40MM MULTI-SHOT LAUNCHER, cost \$1500, quantity:1. 40MM launcher that can be loaded with up to six less-lethal projectiles. It will fire standard 40mm ammunition and is only authorized for use by trained personnel.
- iv. DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325, cost: \$18, quantity: 80. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm grenade 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.
- v. DEFENSE TECHNOLOGY, FERRETT 40MM LIQUID CS BARRICADE PENETRATOR ROUND, cost: \$23, quantity: 10. A chemical agent 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.

b. Purpose

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

c. Authorized Use

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

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

d. Training

Sworn members utilizing 40MM less lethal impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.

e. Lifespan

Defense Technology launcher- 25 years.

LMT launcher – 25 years.

Exact Impact Sponge round - 5 years.

Defense Technology chemical munitions - 5 years.

f. Fiscal Impact

No annual maintenance cost for launchers or ammunition.

g. Legal and Procedural Rules

Use is established under Policy Sections 303 and 404. It is the policy of the SBPD to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

5. Less Lethal Shotgun: Less Lethal Shotgun is used to deploy the less lethal 12-gauge Safariland 3027 Drag-Stabilized round.

a. Description, quantity, capabilities, and purchase cost

- i. REMINGTON 870 LESS LETHAL SHOTGUN, cost: \$1000, quantity: 8. The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge round up to a distance of 50 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.
- ii. 12-GAUGE SAFARILAND 3027 DRAG-STABILIZED ROUND, cost: \$5, quantity: 200. A less lethal 2.4-inch 12-gauge shotgun round firing a ballistic fiber bag filled with lead shot at a velocity of 270 feet per second (FPS). The rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This round provides accurate and effective performance when fired from the approved distance of not fewer than five (5) feet.

b. Purpose

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

c. Authorized Use

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

- i. Self-destructive, dangerous and/or combative individuals.

- ii. Riot/crowd control and civil unrest incidents.
 - iii. Circumstances where a tactical advantage can be obtained.
 - iv. Potentially vicious animals.
 - v. Training exercises or approved demonstrations.
- d. Lifespan
 - Remington 870 Less Lethal Shotgun- 25 years.
 - Safariland 3027 round – No expiration date.
- e. Fiscal Impact
 - No annual maintenance cost for shotguns.
- f. Training
 - All officers are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional training internally when they transfer to the unit.
- g. Legal and Procedural Rules
 - Use is established under Policy Section 303. It is the policy of the SBPD to utilize the less lethal shotgun only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

6. Distraction Devices: A device used to distract dangerous persons.

- a. Description, quantity, capabilities, and purchase cost
 - i. DEFENSE TECHNOLOGY 25 LIGHT/SOUND DISTRACTIONARY DEVICE, cost: \$50, quantity: 35. A non-bursting, non-fragmenting 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.
- b. Purpose
 - A distraction device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations. To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6 - 8 seconds) physiological/psychological sensory deprivation to give officers a tactical advantage.
- c. Authorized Use
 - Diversionsary Devices shall only be used:
 - i. By officers who have been trained in their proper use.
 - ii. In hostage and barricaded subject situations.
 - iii. In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.
 - iv. During other high-risk situations where their use would enhance officer safety.
 - v. During training exercises.
- d. Lifespan
 - Until used.
- e. Fiscal Impact
 - No annual maintenance cost.

f. Training

Prior to use, SWAT officers must attend divisionary device training that is conducted by Post certified instructors.

g. Legal and Procedural Rules

Use is established under the SBPD SWAT Manual and Policy Section 404. It is the policy of the SBPD to utilize diversion devices only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

h. 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.

i. Description, quantity, capabilities, and purchase cost

- i. Colt M4 Carbine, semi-automatic, quantity: 46, cost \$900. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. It is a short-barreled rifle which allows a trained officer better control inside of structures with greater accuracy than a handgun. This version of the rifle is used by patrol officers.
- ii. Colt AR-15A3 rifle, semi-automatic, quantity: 34, cost \$900. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. It allows a trained officer better control inside of structures with greater accuracy than a handgun. This version of the rifle is used by patrol officers.
- iii. Colt M-16 automatic rifle in the following variants: M4, LE6946 Carbine, M-16 rifle. Quantity: 21, cost \$900. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. These variants are fully-automatic. Only trained and certified SWAT Officers are authorized to deploy these rifles.
- iv. Tactical Operations Tango 51 .308 caliber Sniper Rifle. Quantity: 4, cost \$8000. A highly accurate sniper rifle capable of precision fire at distance. Only trained and certified SWAT snipers are authorized to deploy these rifles.
- v. Remington 700P .308 caliber Sniper Rifle. Quantity: 1, cost: \$700. A highly accurate sniper rifle capable of precision fire at distance. Only trained and certified SWAT snipers are authorized to deploy these rifles.
- vi. Noveske N-6 .308 caliber Sniper Rifle. Quantity: 1, cost \$6,500. A highly accurate sniper rifle capable of precision fire at distance. Only trained and certified SWAT snipers are authorized to deploy these rifles.

- vii. Surgeon CSR .308 caliber Sniper Rifle. Quantity: 4, cost \$10,000. A highly accurate sniper rifle capable of precision fire at distance. Only trained and certified SWAT snipers are authorized to deploy these rifles.
- viii. Winchester .223 Caliber 62 Grain Rifle Ammunition, cost: \$360 per case of 1000, quantity: approximately 18 cases. Standard law enforcement ammunition for .223 rifles and carbines.
- ix. Federal Premium LE .308 caliber 168 Grain Rifle Ammunition. cost: \$400 per case of 500, quantity: 10 cases. Standard law enforcement ammunition for .308 caliber sniper rifles.

j. Purpose

To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

k. Authorized Use

Only members that are POST certified are authorized to use a patrol rifle. Fully-automatic rifles and .308 caliber sniper rifles are only deployed by authorized and trained SWAT personnel.

l. Lifespan

Colt AR-15 rifles – no expiration. Rifles typically stay in service 20+ years.

Colt M-16, M4 and variant rifles - no expiration.

Winchester rifle ammunition - no expiration.

Federal rifle ammunition - no expiration.

m. Fiscal Impact

Annual maintenance is approximately \$400, total, for all rifles.

n. Training

Prior to using a rifle, officers must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass an annual range qualification. SWAT officers deploying .308 rifles and/or automatic .223 caliber rifles are trained and certified in those rifles and qualify in their use regularly.

o. Legal and Procedural Rules

Use is established under Policy Sections 306, 404, and the SWAT Manual. It is the policy of the SBPD to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

7. Chemical Agents and Smoke Canisters: Canisters that contain chemical agents that are released when deployed. The chemical agent "CS" is commonly referred to as tear gas. "OC" refers to oleoresin capsicum, commonly referred to as pepper spray.

a. Description, quantity, capabilities, and purchase cost

- i. DEFENSE TECHNOLOGY, TRIPLE-CHASER SEPARATING CANISTER, CS, #1026, cost: \$47, quantity: 10. The Triple-Chaser CS 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.

- ii. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE GRENADE, CS, #1082, cost: \$27, quantity: 10. The Riot Control CS Grenade 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 grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.
- iii. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS GRENADE, #1032, cost \$45, quantity: 20. The design of the Tri-Chamber Flameless CS Grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade 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. The purpose of the Tri-Chamber Flameless Grenade 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 Grenade 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.
- iv. DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE LARGE STYLE CANISTER, #1073, cost: \$38, quantity: 5. It is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes.
- v. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE OC GRENADE, #1080, cost \$41, quantity: 10 - The Riot Control OC Grenade 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 grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 0.88 oz. of active agent.

- vi. DEFENSE TECHNOLOGY, OC VAPOR AEROSOL GRENADE, #1056, cost: \$49, quantity: 5. The Defense Technology OC Vapor Aerosol Grenade is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The grenade is designed for indoor use in confined areas and, once deployed, inflames the mucous membranes and exposed skin resulting in an intense burning sensation. 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 Grenade is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder or liquid devices is not practical or desired.
 - vii. Defense Technology Pocket Tactical CS Grenade #1016, cost \$35, quantity: 9. Lightweight grenade containing .9 oz of active ingredient, burns for 20-40 seconds. The device is intended to be hand-deployed in exigent circumstances, to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects
 - viii. DEFENSE TECHNOLOGY SPEDE-HEAT CS canisters, cost: \$30, quantity: 12. 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.
- b. Purpose
- To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for use of the less lethal weapon systems may include, but are not limited to:
- i. Self-destructive, dangerous and/or combative individuals.
 - ii. Riot/crowd control and civil unrest incidents.
 - iii. Circumstances where a tactical advantage can be obtained.
 - iv. Potentially vicious animals.
 - v. Training exercises or approved demonstrations.
- c. Authorized Use
- d. Only officers who have received POST certification in the use chemical agents are authorized to use chemical agents
- e. Training Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
- f. Lifespan
- 5 years from manufacturing date.

- g. Fiscal Impact
No annual maintenance.
- h. Legal and Procedural Rules
Use is established under Policy Section 404 and the SWAT Manual. It is the policy of the SBPD to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

8. PepperBall Launcher: A device that discharges irritant projectiles.

- a. Description, quantity, capabilities, and purchase cost
 - i. TIPPMANN LAUNCHER, cost: \$700, quantity 2. A compressed-air powered launcher designed to fire non-lethal PepperBall projectiles.
 - ii. PepperBall PROJECTILE, cost: \$2 per projectile, quantity 500. The basic PepperBall projectile contains 2% PAVA pepper powder, and is designed for direct impact and area saturation, especially in confined, interior spaces. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 60ft and an area of saturation of 150+ft. The projectile contains 0.5% PAVA Powder.
 - iii. PepperBall LIVE-X PROJECTILE, cost: \$3 per projectile, quantity 500. The Live Projectile contains a concentrated amount of PAVA pepper powder. One round of LIVE-X contains the equivalent to 10 PepperBall rounds. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 60ft and an area of saturation of 150+ft. The projectile contains 5% PAVA Powder.
- b. Purpose
To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for use of the less lethal weapon systems may include but, are not limited to:
 - i. Self-destructive, dangerous and/or combative individuals.
 - ii. Riot/crowd control and civil unrest incidents.
 - iii. Circumstances where a tactical advantage can be obtained.
 - iv. Potentially vicious animals.
 - v. Training exercises or approved demonstrations.
- c. Authorized Use
Only those officers who have been trained in the use of PepperBall launchers are authorized to use the PepperBall launchers.
- d. Training

Sworn members utilizing PepperBall launchers and projectiles are trained in their use by POST certified less lethal and chemical agent instructors.

e. Lifespan

- i. Tippmann Launcher - 20 years
- ii. PepperBall Live Projectile- 3 years
- iii. PepperBall Live-X Projectile- 3 years

f. Fiscal impact

No annual maintenance cost.

g. Legal and Procedural Rules

Use is established under Policy Section 303. It is the policy of the SBPD to utilize PepperBall only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

9. Breaching Shotgun: Firearm which is used to force entry into doors and other materials.

a. Description, quantity, capabilities, and purchase cost

- i. Remington 870 12-gauge shotgun, \$1000, quantity: three.
- ii. Polyshok IRP 12-gauge breaching ammunition, quantity: 50, \$5. Polyshok IRP is specifically designed to expend its energy into a door or locking mechanism, defeating the door or lock without penetrating through whatever material it is fired into.
- iii. Safariland 3105 Breaching TKO 12-gauge rounds, quantity 25, \$5. Round IRP is specifically designed to expend its energy into a door or locking mechanism, defeating the door or lock without penetrating through whatever material it is fired into.

b. Purpose

To allow tactical teams to quickly gain access to desired areas without unduly endangering anyone inside.

c. Authorized Use

Only SWAT officers trained in its use are authorized to utilize the breaching shotgun and Polyshok or TKO ammunition.

d. Training

Authorized users are trained by firearms range training officers.

e. Lifespan

No expiration date given for shotguns or ammunition. Shotguns commonly remain in use for 20+ years.

f. Fiscal Impact

No annual maintenance cost.

g. Legal and Procedural Rules

The use of the breaching shotgun is authorized by the SBPD SWAT manual. It is the policy of the SBPD to utilize the breaching shotgun only for official law enforcement purposes, pursuant to State and Federal law.

B. MAINTENANCE OF MILITARY USE SUPPLY LEVELS

When stocks of military equipment have reached significantly low levels or have been exhausted, the Department may order up to 10% of stock in a calendar year without City Council approval to maintain essential availability for the Department's needs. SBPD is authorized to acquire additional stock of items listed here from other law enforcement agencies of CalOES in the event of an emergency when approved by the COP or designee.