

**MILITARY EQUIPMENT
INVENTORY
2023 ANNUAL REPORT**

**CITY OF
BURBANK**



**POLICE
DEPARTMENT**

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EXECUTIVE SUMMARY

On September 30, 2021, Governor Newsom signed Assembly Bill (AB) 481 into law, which went into effect on January 1, 2022, and added California Government Code Sections 7070 through 7075 relating to the funding, acquisition, and use of military equipment by local law enforcement agencies. The bill identifies fifteen main categories of military equipment and stipulates the following:

1. A law enforcement agency shall obtain approval of a military equipment use policy via the adoption of an ordinance by its governing body (i.e., City Council) prior to funding, acquiring, or using such equipment, as defined. The policy must be posted on the law enforcement agency's website at least 30 days prior to the City Council meeting.

2. A law enforcement agency seeking to continue the use of any military equipment, as defined, and acquired prior to January 1, 2022, shall commence a governing body approval process no later than May 1, 2022.

3. If approved, the military equipment use policy and an annual military equipment report shall be published on the law enforcement agency's website. The report shall include information relevant to the preceding calendar year and contain a summary of each type of military equipment used by the agency, a summary of complaints concerning the equipment, the results of any internal audit pertaining to violations of the military equipment use policy, the total annual cost of any military equipment and quantity possessed, and any intentions to acquire additional military equipment in the next year.

4. Within 30 days of releasing its annual military equipment report, a law enforcement agency shall hold at least one community engagement meeting to allow the public to ask questions and discuss the report.

AB 481 further allows the governing body to adopt an ordinance approving a military equipment use policy only if it determines that the military equipment meets specified standards as set forth in California Government Code Section 7071, subdivision (d). After approval, the ordinance is subject to an annual City Council review to determine whether, based on the annual military equipment report, the standards set forth in the bill have been met. The City Council may renew the authorizing ordinance, disapprove authorization for particular equipment where standards have not been met, or require modifications to the military equipment use policy.

The Burbank Police Department (Department) is committed to transparency, public trust, community partnerships, and compliance with the law. As such, the Department has authored the following 2023 Annual Military Equipment Report in accordance with requirements set forth in AB 481.

INTRODUCTION

The Department maintains a wide variety of military equipment to assist in safely achieving the furtherance of its mission, “...to protect life and property, provide professional police services, and work in partnership with the community.” Although the Department has various pieces of military equipment in inventory, the mere possession of such equipment does not warrant its use in every situation. This essential equipment is deployed based on the situational necessity to effectively de-escalate intense situations or bring volatile conditions and critical incidents to a safe resolution.

The Department currently possesses eleven different types of items that fall under the military equipment classifications defined in AB 481. The availability of such instruments enables the Department to minimize risk to members of the community and officers during dynamic and unfolding high-risk incidents. This specialized equipment allows Department members to maintain a state of readiness through continuous training and equipment familiarity to fulfill their mission to protect life and property.

This Annual Military Equipment Report outlines a summary of military equipment usage guidelines, inventory, fiscal impact, and complaints received for 2023.

DEFINITIONS

Pursuant to AB 481 and Government Code §70701, the following definitions are applicable to the Department's military equipment inventory:

Governing body – The elected or appointed body that oversees the Department

Military equipment – Includes but is not limited to the following:

- Unmanned, remotely piloted, powered aerial or ground vehicles
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers
- High mobility multipurpose wheeled vehicles (HMMWV), two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached
- Tracked armored vehicles that provide ballistic protection to their occupants and utilize a tracked system instead of wheels for forward motion
- Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units
- Weaponized aircraft, vessels, or vehicles of any kind
- Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram
- Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition
- Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in Sections 30510 and 30515 of the Penal Code, except for standard issue service weapons and ammunition of less than .50 caliber that are issued to officers, agents, or employees of a law enforcement agency or state
- Any firearm or firearm accessory that is designed to launch explosive projectiles
- "Flashbang" grenades and explosive breaching tools, "tear gas," and "pepper balls," excluding standard, service-issued handheld pepper spray
- TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs)
- The following projectile launch platforms and their associated munitions: 40mm projectile launchers, "bean bag," rubber bullet, and specialty impact munition (SIM) weapons

MILITARY EQUIPMENT INVENTORY

Per AB 481, the following is a list of qualifying military equipment the Department possesses. The list provides the following information:

- a) A description of each type of military equipment, the quantity in inventory, its capabilities, and purchase cost.
- b) The purpose for which the Department proposes to use each type of military equipment.
- c) The authorized use as deemed by the Department for each type of military equipment.
- d) The expected life span of the item.
- e) The fiscal impact of each type of military equipment (estimated annual costs of maintaining the equipment).

On November 7, 2023, City Council approved the acquisition of additional military equipment, including three unmanned, remotely piloted aircraft (drones), two remotely piloted ground vehicles (micro robots), and six kinetic energy weapons (40-milliliter launchers). It is important to note that the above-mentioned equipment is not reflected in the 2023 Military Equipment Inventory Report as they have not yet been received by the Department. The report will be updated with the newly acquired equipment once it is in the possession of the Department.

UNMANNED, REMOTELY PILOTED GROUND VEHICLE (SWAT ROBOT)



a) Description, quantity, capabilities, and purchase cost:

- I. Description: *RoboteX Avatar micro 2010* is a portable, rugged personal safety robot.
- II. Quantity: 1
- III. Capabilities: The robot is controlled by remote control with audio and video relay capabilities. The robot can easily negotiate varied terrain and stairs using quad-flippers. The device has a 4–5-hour runtime, travels up to 4mph, and can be controlled from up to 200 meters away.
- IV. Purchase Cost: Purchased with funds from the *2009 State Homeland Security Grant Program (SHSGP)* (\$17,052.86).

b) Purpose:

To be used remotely to gain visual/audio data, deliver line of communication (phone), open doors, disrupt suspicious packages, and clear buildings.

c) Authorized Use:

Only assigned operators who have completed the required training are permitted to operate the *RoboteX Avatar Micro 2010*, during approved missions.

d) Expected Life Span:

The robot was purchased in March of 2012 and is nearing the end of its lifecycle. The Department will be seeking grant funds for refurbishment and enhancement.

e) Fiscal Impact:

No recurring fiscal impact.

UNMANNED, REMOTELY PILOTED AIRCRAFT (DRONE)



a) Description, quantity, capabilities, and purchase cost:

- I. Description: *DJI Mavic 2 Enterprise Zoom (276DFBP001C3G8)* with 4k camera and a *DJI Mavic 2 Enterprise Dual (298DFCS0014R1H)* with a 1080p thermal camera.
- II. Quantity: 2
- III. Capabilities: The small, unmanned aircraft vehicle system (sUAVS) are capable of transmitting footage in real-time to the operator, ground officers, and to incident commanders on scene or at remote command posts. The footage is recorded and securely stored for future viewing.
- IV. Purchase Cost: *DJI Mavic 2 Enterprise Dual (298DFCS0014R1H)* - \$2,699.00
DJI Mavic 2 Enterprise Zoom (276DFBP001C3G8) - \$1,999.00

b) Purpose:

To be deployed when its view would assist officers and/or incident commanders with the following situations, which include, but are not limited to:

- I. Major traffic collision investigations
- II. HAZMAT response
- III. Search and rescue
- IV. Missing persons
- V. Barricaded persons
- VI. Natural disaster management
- VII. Crime scene photography/video
- VIII. Overwatch for officers and SWAT operations
- IX. Special events
- X. Other uses authorized by the Department sUAVS coordinator

c) Authorized Use:

Only assigned operators who have completed the required training and hold appropriate FAA pilot certificates are permitted to operate the sUAVS equipment, during approved missions.

d) Expected Life Span:

Approximately four years or 800 hours of use, depending on flight conditions.

e) Fiscal Impact:

The recurring annual cost for the replacement of batteries is approximately \$1,500.00

ARMORED PERSONNEL CARRIER (*BEARCAT*)



a) Description, quantity, capabilities, and purchase cost:

- I. Description: 2008 Ford F-550 (VIN: 1FDAF57R58EE57434)
- II. Quantity: 1
- III. Capabilities: The vehicle is used by the Department's Special Weapons and Tactics team (SWAT), which can provide service to the tri-cities of Burbank, Glendale, and Pasadena. The vehicle enables Department personnel to perform critical response and rescue operations in a safe, secure, and highly mobile armored vehicle. This vehicle supports Department personnel in any hazardous, high-risk, or critical incident. In specific terms, officers would benefit from having a vehicle that provides a high level of ballistic protection.
- IV. Purchase Cost: Purchased with funds from the 2007 State Homeland Security Grant Program (SHSGP) and Urban Areas Security Initiative (UASI), which was approved by City Council (\$273,582.65).

b) Purpose:

The primary purpose of the *BearCat* is to provide increased protection from firearms threats and to conduct rescues in high-risk operations.

c) Authorized Use:

Only those sworn employees who have successfully completed the Department approved training in the operation of SWAT vehicles are permitted to operate them. Refer to Policy 707 - *Special Purpose Vehicles*

d) Expected Life Span:

Approximately 20 years

e) Fiscal Impact:

Recurring annual cost of \$1,277.52 for general maintenance.

COMMAND AND CONTROL VEHICLE (MOBILE COMMAND POST)



a) Description, quantity, capabilities, and purchase cost:

- I. Description: 2015 Farber Specialty Freightliner (VIN: 4UZACLDUOECGA5033)
- II. Quantity: 1
- III. Capabilities: Completely self-contained command post designed to provide the Incident Commander with a mobile base of operations. This command post contains the specialized command, control, and communications equipment to assist with the incident.
- IV. Purchase Cost: \$488,602.99 (Grant funds \$250,000.00, Asset Forfeiture \$81,287.86, Depreciation Funds \$137,315.13, and Capital Outlay \$20,000.00)

b) Purpose:

The Mobile Command Post is specially equipped for field operations and special events. The Watch Commander shall be the primary contact for the deployment of the Command Post. Refer to the Policy 707 - *Special Purpose Vehicles*

c) Authorized Use:

Absent unusual circumstances, only authorized personnel may operate the Mobile Command Post. Employees who are assigned to operate the Mobile Command Post as a collateral duty shall become familiar with the equipment available in the vehicle. Refer to Policy 707 - *Special Purpose Vehicles*

d) Expected Life Span:

Approximately 20-25 years

e) Fiscal Impact:

Recurring annual cost of \$596.31 for general maintenance.

BREACHING APPARATUS (BREACHING SHOTGUN)



a) Description, quantity, capabilities, and purchase cost:

- I. Description: Mossberg Model 500A, further described as a pump-action 12-gauge shotgun with a 3-inch chamber
 - i. The Mossberg Model 500A utilizes a *Defensive Technology Tactical Knock-Out* 12-gauge breaching round, which costs \$6.90 per round. The Department currently has approximately 100 rounds.
- II. Quantity: 3
- III. Capabilities: When properly deployed, the breaching round is capable of defeating door lock mechanisms, doorknobs, hinges, deadbolts, safety chains, and padlocks on both wooden and hollow core doors. Upon impact with the target, the 12-gauge round disintegrates into a fine powder eliminating additional fragmentation.
- IV. Purchase Cost: \$575.00 each

b) Purpose:

Designed to force entry into barricaded or secured areas.

c) Authorized Use:

Only assigned officers who have completed the required training shall be permitted to operate the Mossberg Model 500A breaching shotgun.

d) Expected Life Span:

No expiration

e) Fiscal Impact:

No recurring fiscal impact

SPECIALIZED FIREARMS



a) Description, quantity, capabilities, and purchase cost:

- I. Description: COLT 5.56-millimeter commando rifle, also described as a lightweight, air-cooled, gas-operated, magazine-fed, shoulder-fired weapon, designated for semi-automatic fire.
 - i. The Department utilizes *Hornady* 5.56mm NATO, 75-grain Tactical Application Police (TAP), and Short-barreled Rifle (SBR) (#81296) ammunition.
- II. Quantity: 22
- III. Capabilities: Capable of accurately stopping an armed subject at various distances, defeating body armor, and enabling the officer to engage accurately beyond the effective range of a pistol or shotgun.
- IV. Purchase Cost: \$1,001.58 each

b) Purpose:

Short-barreled rifles are more effective in clearing buildings and use in close quarters.

c) Authorized Use:

Department-owned commando rifles may be deployed only by properly trained and qualified sworn members as a supplemental resource to their duty handgun and shotgun. Refer to Policy 432 – *Patrol Rifles / Personal Patrol Rifles*.

d) Expected Life Span:

No expiration

e) Fiscal Impact:

No recurring fiscal impact

NOISE-FLASH DEVICE



a) Description, quantity, capabilities, and purchase cost:

- I. Description: Combined Tactical Systems Flash-Bang, Mini-Bang (#7290M), further described as a Noise-Flash Device (NFD) is a device that creates a bright flash and loud sound to temporarily divert the attention of subjects in the immediate area. NFDs are used to distract and temporarily incapacitate dangerous suspects by overwhelming their senses of vision and hearing. The distraction allows officers to seize a moment of opportunity to take control of high-risk situations.
- II. Quantity: 64
- III. Capabilities: NFDs can release large amounts of stored energy in the form of heat, light, pressure, and noise. They are intended to temporarily distract, confuse, and disorient subjects. They can also be used as “attention-getting” devices, to achieve voluntary compliance.
- IV. Purchase Cost: \$37.65 each

b) Purpose:

Utilizes a bright flash of light followed immediately by a loud noise designed to momentarily divert, distract, and disorient a suspect. It is designed to save lives and reduce the potential for armed resistance. Refer to Policy 300 - *Use of Force* and Policy 408 - *SWAT*

c) Authorized Use:

Only SWAT personnel who have successfully completed a Department-approved training course in the proper use and deployment of NFDs are authorized to deploy them during operations.

d) Expected Life Span:

5-year warranty

e) Fiscal Impact:

No recurring fiscal impact

DIVERSIONARY DEVICE / CHEMICAL AGENT DELIVERY DEVICE

a) Description, quantity, capabilities, and purchase cost:

I. Description: Diversionary Device / Chemical Agent Delivery Device



i. **Han-Ball Grenade CS** is an outdoor use device expelling its payload in approximately 15-20 seconds. The rubber ball round has an overall size of 4.8 in. tall, and 3.1 in. diameter. This launchable device holds approximately 1.6 oz. of active agent. (Quantity: 20 / Cost: \$36.66 each)



ii. **Spede-Heat Grenade CS** is a continuous burn device, which expels its payload in approximately 20-40 seconds. This launchable device is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent. (Quantity: 46 / Cost: \$29.63 each)



iii. **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 device can be hand thrown or launched from a fired delivery system. The device is 6.5 in. by 2.7 in. and holds an approximately 3.2 oz. of active agent. It has an approximate burn time of 20-30 seconds. (Quantity: 20 / Cost: \$47.00 each)



iv. **Tri-Chamber OC Grenade** can be used in crowd control, or barricade situations, as a less lethal solution to incapacitate subjects through temporary respiratory discomfort, while reducing or negating the chance of fire to structures. (Quantity: 23 / Cost: \$33.45 each)



v. **Tri-Chamber 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 and will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. (Quantity: 20 / Cost: \$32.33 each)



vi. **Pocket Tactical CS Grenade** is small and lightweight with 0.9 oz. of active agent and will burn for approximately 20-40 seconds. (Quantity: 39 / Cost: \$19.60 each)



vii. **Riot Control Continuous Discharge Grenade (CS)** is designed specifically for outdoor use 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 encourage the movement of a crowd. This launchable device is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of an active agent. (Quantity: 6 / Cost: \$26.95 each)



- viii. **Red Smoke Grenade** designed specifically for outdoor with a high-volume continuous burn that expels its payload in approximately 30-40 seconds through four gas ports located on the top of the canister. This device can be used to conceal tactical movement or to encourage the movement of a crowd. This launchable colored smoke device is 6.0 in. by 2.35 in. and holds approximately 2.9 oz. of an active agent. (Quantity: 50 / Cost: \$50.45 each)



- ix. **HC Smoke Canister** is a slow-burning, high-volume, continuous discharge device designed for outdoor use. Emits grey-white smoke only for approximately 1.5 to 2 minutes. (Quantity: 12 / Cost: \$40.00 each)



- x. **White Smoke Grenade** offers the same approximate burn times as the *Spede-Heat* Grenade CS. Similar burn times may make it the appropriate choice for training or simulation deployment of chemical agent canisters. The *Saf-Smoke* Grenade emits a very white smoke. (Quantity: 49 / Cost: \$35.50 each)

- II. **Capabilities:** Chemical agent munitions are defined as devices that can be placed, thrown, launched, or otherwise propelled, which produce an irritating effect, for the purpose of encouraging compliance, overcoming resistance, or preventing serious injury without posing a significant potential of causing death. The only chemical agents currently authorized by BPD are Ortho chlorobenzalmalonitrile (CS) and Oleoresin Capsicum (OC). They may be deployed individually or in combination with one another.

b) Purpose:

Chemical agents are designed to cause temporary discomfort and are deployed to control an individual or groups of individuals who are engaging in or are about to engage in violent behavior. Refer to Policy 300 - *Use of Force* and Policy 308 - *Control Devices*

c) Authorized Use:

Only SWAT personnel who have successfully completed a Department-approved training course in the proper use and deployment of NFDs and Chemical Agent Delivery Devices (munitions) are authorized to deploy them during operations.

d) Expected Life Span:

5-year warranty

e) Fiscal Impact:

No recurring fiscal impact

CHEMICAL AGENT DEVICE (MK-9 STREAM AEROSOL)



a) Description, quantity, capabilities, and purchase cost:

- I. Description: *First Defense OC/CS MK-9 Stream Aerosol*
- II. Quantity: 30
- III. Capabilities: The *MK-9* features an easy-to-use trigger handle and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This OC/CS aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.
- IV. Purchase Cost: \$37.50 each

b) Purpose:

Designed to cause temporary discomfort and are deployed to control an individual or groups of individuals who are engaging in or are about to engage in violent behavior. Refer to Policy 300 - *Use of Force* and Policy 308 - *Control Devices*

c) Authorized Use:

Only SWAT personnel, K-9 officers, and supervisors who have successfully completed a Department-approved training course in the proper use and deployment of Chemical Agent Delivery Devices are authorized to deploy them during operations.

d) Expected Life Span:

5-year warranty

e) Fiscal Impact:

No recurring fiscal impact

KINETIC ENERGY WEAPON (PEPPERBALL LAUNCHER)



a) Description, quantity, capabilities, and purchase cost:

- I. Description: *PepperBall Variable Kinetic System Carbine Launcher*, further described as a device that uses high-pressure air to deliver PAVA powder projectiles (like a paintball delivery system).
 - i. *Live-X Projectile*, which contains Pelargonylvanillylamide. (Quantity: 750)
 - ii. *VXR Live-X Projectile*, which contains Pelargonylvanillylamide. (Quantity: 100)
 - iii. *VXR Inert*, which is a training round. (Quantity: 300)
 - iv. *Glass Breaker Round*, a solid polymer projectile used for breaking out windows and not for use on humans or animals. (Quantity: 100)
- II. Quantity: 2
- III. Capabilities: System capable of launching projectiles up to 60 feet and an area saturation of up to 150 feet. Non-lethal option to deliver chemical agents and kinetic energy impacts.
- IV. Purchase Cost: \$899.00 each

b) Purpose:

Kinetic energy projectiles, when used properly, are less likely to result in death or serious physical injury and can be used to de-escalate a potentially deadly situation. Refer to Policy 300 - *Use of Force* and Policy 308 - *Control Devices*

c) Authorized Use:

Only assigned officers who have completed the required training shall be permitted to operate the *PepperBall Variable Kinetic System Carbine Launcher*.

d) Expected Life Span:

No expiration.

e) Fiscal Impact:

No recurring fiscal impact

KINETIC ENERGY WEAPON (40MM LAUNCHER)



a) Description, quantity, capabilities, and purchase cost:

I. Description: *Defense Technology* 40mm Single Shot Launcher (model 1327), further described as a Less-Lethal system, not a firearm, that uses smokeless powder to deliver 40mm projectiles from a safe distance.

i. **Exact Impact 40mm Standard Range Sponge Round (Model 6325)**, is a point-of-aim, point-of-impact direct-fire round. This projectile consists of a plastic body and sponge nose that is spin stabilized via the incorporated rifling collar and the 40 mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant. Used as a ranged impact weapon. (Quantity: 174 / Cost: \$18.25 each)



ii. **Exact Impact 40mm Extended Range Sponge Round** is a point-of-aim, point-of-impact direct-fire round. This projectile consists of a plastic body and sponge nose that is spin stabilized via the incorporated rifling collar and the 40 mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant. Used as a ranged impact weapon. (Quantity: 48 / Cost: \$20.50 each)



iii. **Direct Impact 40 mm OC Crushable Foam Round** is a point-of-aim, point-of-impact direct-fire round. This munition is loaded with Oleoresin Capsicum (OC) powder. It combines impact with the effects of an irritant powder. (Quantity: 13 / Cost: \$25.88)



iv. **Direct Impact 40 mm CS Crushable Foam Round** is a point-of-aim, point-of-impact direct-fire round that is loaded with orthochlorobenzalmalononitrile (CS) powder. It combines impact with the effects of an irritant powder. (Quantity: 17 / Cost: \$25.88)



v. **Ferret 40mm Liquid Barricade Penetrator Round (CS)**, designed 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. (Quantity: 20 / Cost: \$19.90 each)



vi. **Ferret 40mm Liquid Barricade Penetrator Round (OC)**, designed 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. (Quantity: 22 / Cost: \$20.50 each)



- vii.  **Spede-Heat Round (CS)** incorporates an aluminum shell and utilizes black powder as a propellant. It is used for the ranged delivery of chemical agents in outdoor settings. (Quantity: 6 / Cost: \$24.34 each)
 - viii.  **Multiple Rubber Baton Round 40mm** contains three rubber projectiles. It utilizes smokeless powder as the propellant and has more consistent velocities. Used as a ranged area impact weapon. (Quantity: 58 / Cost: \$27.43)
 - ix.  **Stinger 40mm 60-Caliber Rubber Balls Round** is most widely used as a riot dispersal tool. The round contains approximately eighteen 60-Caliber rubber balls. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns. (Quantity: 58 / Cost: \$22.54 each)
 - x.  **Direct Impact 40mm Marking Crushable Foam Round**, a point-of-aim, point-of-impact direct-fire round. When loaded with a green marking agent, the Direct Impact can be used to indicate the aggressor in a riot situation to the team on the ground. (Quantity: 20 / Cost: \$20.54)
 - xi.  **Muzzle Blast 40mm Round (CS)** is a chemical agent munition for immediate close deployment. The cloud of agent is very effective in filling holes in dispersal lines or engaging at close distances while mitigating the risk of injury from the projectile. (Quantity: 18 / Cost: \$23.00 each)
 - xii.  **Skat Shell 40 mm Multiple Projectile Round (CS)** is a multiple chemical projectile round designed to deliver multiple CS canisters from a 40 mm launcher. It is designed for outdoor use and has a maximum effective range of 80-100 yards. (Quantity: 20 / Cost: \$31.80 each)
- II. Quantity: 16 Launchers
- III. Capabilities: 40mm launchers can fire a variety of munitions with a maximum effective range of one hundred twenty (120) feet. 40mm launchers can deliver 40mm munitions in the form of chemical agents, sponge rounds, or combined use of sponge tip chemical agent rounds.
- IV. Purchase Cost: \$860.00 for each *Defense Technology* 40mm Single Shot Launcher

b) Purpose:

Kinetic energy projectiles, when used properly, are less likely to result in death or serious physical injury and can be used to de-escalate a potentially deadly situation. Refer to Policy 300 - *Use of Force* and Policy 308 - *Control Devices*

c) Authorized Use:

Only Department personnel who have successfully completed a Department-approved training course in the proper use and deployment of Kinetic Energy Weapons are authorized to deploy them during operations.

d) Expected Life Span:

No expiration

e) Fiscal Impact:

No recurring fiscal impact

MILITARY EQUIPMENT USE SUMMARY 2023

This section outlines the usage of military equipment by the Department in 2023. Certain items of military equipment, particularly ammunition, diversionary devices, *PepperBalls*, and chemical agents are used throughout the year on a regular basis for training to maintain proficiency. Therefore, this section does not capture training usage and only provides data for the operational use of military equipment listed within the Annual Military Equipment Report.

UNMANNED, REMOTELY PILOTED GROUND VEHICLE (SWAT ROBOT)

The Department's unmanned, remotely piloted ground vehicle (SWAT Robot) was not deployed operationally in 2023.

UNMANNED, REMOTELY PILOTED AIRCRAFT (DRONE)

Unmanned, remotely piloted aircraft (drone) was utilized a total of (20) times in 2023. These usages included:

- **January 11, 2023**
Aerial photography of a traffic collision scene
- **January 25, 2023**
Search Warrant Planning
- **April 18, 2023**
Aerial photography of a crime scene
- **May 11, 2023**
Aerial photography of a crime scene
- **May 22, 2023**
Search Warrant Planning
- **May 25, 2023**
Officers received reports of a female calling for help in Wildwood Canyon. After a search of the trails, with the assistance of the drone, and interviews with several other hikers, it was determined there was no evidence of crime. Nobody appeared in distress or in need of assistance.
- **May 27, 2023**
Aerial photography of a crime scene

- **July 3, 2023**

On July 3, 2023, at about 10:40 p.m., officers were dispatched to the area of Linden Court and Moss Street regarding a shooting that had just occurred. A local resident confronted two suspects who were loitering on his property, possibly attempting to steal his vehicle or catalytic converter.

When the resident/victim confronted the two individuals, a scuffle began. During the scuffle, one of the suspects produced and discharged a firearm, not striking anyone. The suspects then fled on foot into the neighborhood.

Officers searched the area for the suspects, with the assistance of the drone. However, officers were unable to locate the suspects.

- **July 4, 2023**

Aerial photography of a traffic collision scene

- **July 4, 2023**

The drone was deployed during the 4th of July event at the Starlight Bowl as air support.

- **July 6, 2023**

Search for a robbery suspect in the area of Buena Vista Street and Jeffries Avenue

A suspect had committed a robbery at a local Ralph's market and fled into the surrounding neighborhood. He was located by the drone a short time later. The drone operator was able to direct officers to the suspect's location where he was taken into custody.

- **July 18, 2023**

Search Warrant Planning

- **August 9, 2023**

The drone was deployed during the *Armenian Rally for Life* at City Hall as air support.

- **August 22, 2023**

The drone was deployed during SAG/AFTRA Protest at Buena Vista Street and Alameda Avenue.

- **September 3, 2023**

Aerial photography of a traffic collision scene

- **September 12, 2023**
Aerial photography of a traffic collision scene
- **September 23, 2023**
The drone was deployed at the Pride event in McCambridge Park as air support.
- **November 17, 2023**
The drone was deployed at the Holiday in the Park event as air support.
- **December 2, 2023**
The drone was deployed at the Mayor’s Tree Lighting Ceremony as air support.
- **December 21, 2023**
On December 21, 2023, at about 4:00 a.m., the Department’s SWAT team assisted Pasadena Police Department with a multiple location search warrant service pertaining to a robbery investigation. The drone was deployed as air support.

ARMORED PERSONNEL CARRIER (*BEARCAT*)

The armored personnel carrier (*Bearcat*) was utilized a total of (4) times in 2023. Below is a brief synopsis of the incidents surrounding the uses:

- **February 7, 2023**
On February 7, 2023, at about 10:50 p.m., a call for service was received regarding reports of a male and female yelling. When officers arrived, a male occupant at the location yelled from inside of the residence at the officers and threatened to shoot them if they didn’t leave. Officers ordered the male to exit, but he refused and continued to threaten officers.

The Bearcat was driven to the location to provide cover for the officers. An officer from the Burbank PD Crisis Negotiation Team established communication with the male and attempted to have him peacefully surrender. The male continued to yell at officers through an open window while holding a knife and stabbing the window screen with the knife. After continued negotiation, officers were ultimately able to convince the male to exit the apartment, and he was taken into custody without incident.

The suspect's sister was located unharmed in a rear bedroom of the residence. She had been in communication with BPD Dispatch during the incident.

No guns were located inside the residence, however, there were multiple knives recovered.

- **July 3, 2023**

On July 3, 2023, at about 10:40 p.m., officers were dispatched to the area of Linden Court and Moss Street regarding a shooting that had just occurred. A local resident confronted two suspects who were loitering on his property, possibly attempting to steal his vehicle or catalytic converter.

When the resident/victim confronted the two individuals, a scuffle began. During the scuffle, one of the suspects produced and discharged a firearm, not striking anyone. The suspects then fled on foot into the neighborhood.

Officers searched the area for the suspects, using the Bearcat as cover. However, officers were unable to locate the suspects.

- **November 2, 2023**

On November 2, 2023, at about 10:50 p.m., Burbank Police Dispatch advised Burbank police units that Glendale PD was in pursuit of a stolen vehicle approaching the intersection of Alameda Avenue and San Fernando Boulevard.

Glendale PD officers pursued the suspect vehicle to the intersection of Bel Aire Drive and East Grinnell Drive where the suspect vehicle stopped. Glendale PD officers boxed in the vehicle using their patrol vehicles.

Glendale PD officers gave the suspect multiple commands to exit the vehicle with his hands up, but he did not comply.

Burbank PD officers responded to the scene with the BPD Bearcat. The Bearcat was positioned to the front of the suspect vehicle in order to provide cover and prevent the vehicle from fleeing again.

After several commands were ignored by the suspect, Glendale officers approached the vehicle and broke the right rear window. The suspect placed his hands in the air and exited

the vehicle. He complied with commands and was arrested by Glendale officers without further incident.

- **December 21, 2023**

On December 21, 2023, at about 4:00 a.m., the Department's SWAT team assisted Pasadena Police Department with a multiple location search warrant service pertaining to a robbery investigation.

The location Burbank PD was assigned was the residence of one of the suspects. A perimeter was established around the property and the Bearcat was used as cover for the officers. The suspects exited the residence and surrendered without incident.

COMMAND AND CONTROL VEHICLE (MOBILE COMMAND POST)

The command and control vehicle (mobile command post) was not deployed operationally in 2023.

BREACHING APPARATUS (BREACHING SHOTGUN)

The breaching apparatus (breaching shotgun) was not discharged operationally in 2023.

SPECIALIZED FIREARMS

The specialized firearms were utilized for training throughout the year but were not discharged operationally during 2023.

NOISE-FLASH DEVICE (FLASH-BANG)

Noise-flash devices were utilized for training by the Department's Special Weapons and Tactics team throughout the year, but the devices were not discharged operationally in 2023.

DIVERSIONARY DEVICE / CHEMICAL AGENT DELIVERY DEVICE

Diversions devices / chemical agent delivery devices were utilized throughout the year for training, but the devices were not discharged operationally in 2023.

CHEMICAL AGENT DEVICE (MK-9 STREAM AEROSOL)

The chemical agent device (*First Defense MK-9 Stream Aerosol*) was utilized two (2) times in 2023. Below is a brief synopsis of the incident surrounding the use:

- **January 4, 2023**

On January 4, 2023, at about 10:20 p.m., officers were dispatched to the 3000 block of North Frederic Street regarding a possible residential burglary in progress. A witness observed two males, wearing ski masks, jump over the fence of a residence under construction.

Officers searched the property and found evidence of a possible crime. Additionally, officers observed the metal screen to a crawl space underneath an adjacent house had been recently moved and appeared to have been hastily placed over the opening. Officers looked into the crawl space and observed a black beanie/ski mask which appeared to have been recently placed there. Further, officers located fresh footprints in the dirt at the entrance to the crawl space.

Officers made announcements in English and Spanish; however, there was no response. The K9 officer was on scene and used his dog as a ruse (by barking) to elicit a response, but there was none. Officers formed a tactical plan to introduce oleoresin capsicum (OC) into the crawl space using the First Defense MK-9 Stream Aerosol to see if there was any movement or response from the suspect(s). The K9 officer delivered a short burst of OC spray, and shortly after, officers heard one of the suspects coughing. The male ultimately complied with officers and exited the crawl space. The male was taken into custody without incident and no other application of force was used.

- **January 27, 2023**

On January 27, 2023, at about 10:30 p.m., a call for service was received regarding a male prying open a mailbox with a knife, outside of the post office on Hollywood Way. Officers arrived and attempted to detain the male. The male brandished the knife, and an officer

deployed his TASER as the male began to run. The TASER made contact, but was ineffective as the male was wearing bulky clothing.

The male ran from officers while holding the knife. He eventually climbed on top of a wall at a nearby business. Officers established a perimeter and began communicating with the male. After several hours, the male jumped off the wall, but refused to drop the knife.

At one point, the male dropped the knife, but then began to retrieve the knife from the ground. Multiple *Exact Impact 40mm Standard Range Sponge Rounds* (model 6325) from the *Defensive Technology 40mm Single Shot Launcher* (model 1327) were deployed and a TASER was deployed to prevent the male from trying to pick up the knife. Due to the bulky clothing the suspect was wearing, the deployments proved to be ineffective, and he managed to pick up the knife.

After about five hours of communicating with the male and attempting to de-escalate the situation, a plan was formulated to use the *First Defense OC/CS MK-9 Stream Aerosol* long-range OC Vapor spray. The OC Vapor spray was deployed, and its use was effective. The male dropped the knife and crawled back toward the officers and was taken into custody without further incident.

The male was treated by Burbank Fire Department personnel at the scene and taken to a local hospital for treatment. Once medically treated, he was booked on several charges. No officers were injured. The male sustained moderate injuries due to the use of force.

KINETIC ENERGY WEAPON (*PEPPERBALL LAUNCHER*)

The kinetic energy weapon (*PepperBall* launcher) was utilized for training throughout the year, but was not discharged operationally during 2023.

KINETIC ENERGY WEAPON (40MM LAUNCHER)

The kinetic energy weapon (40mm launcher) was discharged four (4) times in 2023. Below is a brief synopsis of the incidents surrounding the use:

- **January 27, 2023**

On January 27, 2023, officers responded to a male prying open a mailbox with a knife, outside of the post office on Hollywood Way. Officers arrived and attempted to detain the male. The male brandished the knife, and an officer deployed his TASER as the male began to run. The TASER made contact, but was ineffective as the male was wearing bulky clothing.

The male ran from officers while holding the knife. He eventually climbed a wall at a nearby business. Officers established a perimeter and began communicating with the male. After several hours, the male jumped off the wall, but refused to drop the knife.

At one point, the male dropped the knife, but then began to retrieve the knife from the ground. Multiple *Exact Impact 40mm Standard Range Sponge Rounds* (model 6325) from the *Defensive Technology 40mm Single Shot Launcher* (model 1327) were deployed and a TASER was deployed to prevent the male from trying to pick up the knife. Due to the bulky clothing he was wearing, the deployments proved to be ineffective as he managed to pick up the knife.

After about five hours of communicating with the male and attempting to de-escalate the situation, a plan was formulated to use the *First Defense OC/CS MK-9 Stream Aerosol* long-range OC Vapor spray. The OC Vapor spray was deployed, and its use was effective. The male dropped the knife and crawled back toward the officers and was taken into custody without further incident.

The male was treated by Burbank Fire Department personnel at the scene and taken to a local hospital for treatment. Once medically treated, he was booked on several charges. No officers were injured. The male sustained moderate injuries due to the use of force.

- **May 27, 2023**

On May 27, 2023, at about 3:55 p.m., Burbank Police Department received a phone call from a man claiming he was in a vehicle in the parking lot of Home Depot, armed with a gun, saying he was going to shoot people. The man provided the Communications Center

operator with the make and color of the vehicle he was in and his location in the parking lot.

When the officers arrived, they located the male suspect still seated in his vehicle. The male exited his vehicle with his right hand inside his right pant pocket and faced the officers. The officers attempted to communicate and de-escalate the situation for several minutes. However, the male refused to follow commands and instead continued to place his hands in and out of his pockets and hide behind an adjacent parked vehicle.

With the information that the suspect was armed with a handgun, and in an attempt to de-escalate the situation, an officer discharged an *Exact Impact 40mm Standard Range Sponge Round* (Model 6325) from the *Defensive Technology 40mm Single Shot Launcher* (model 1327). The sponge round struck the male in his torso, which did not have the desired effect of stopping the suspect. The suspect then rapidly moved towards the other officers which precipitated an officer-involved shooting.

[The investigation and arrest were highlighted in a news release.](#)

- **September 9, 2023**

On September 9, 2023, at about 10:20 p.m., officers responded to Walgreens on S. San Fernando regarding an unknown problem. Burbank Police Dispatch advised responding officers that an unknown male had called 911 and stated, "*Send someone as soon as you can*" and then hung up the call.

Officers arrived on scene and observed a lone male in the parking lot pacing back and forth. Officers contacted male and attempted to ascertain if he needed help. The male did not answer officers, suddenly pulled a knife from his pocket, brandished it, and held it in a threatening manner towards officers. The male refused commands to drop the knife as additional officers arrived on scene.

After several commands, the male still refused to drop the knife. An officer deployed an *Exact Impact 40mm Standard Range Sponge Round* (model 6325) from the *Defensive Technology 40mm Single Shot Launcher* (model 1327) causing the suspect to go to the ground; however, he continued to hold onto the knife and refused commands. Additional *Exact Impact 40mm Standard Range Sponge Rounds* (model 6325) from the *Defensive Technology 40mm Single Shot Launcher* (model 1327) were deployed and the suspect let go of the knife and complied with officers' orders. The suspect was taken into custody without further incident.

The suspect was transported to a local hospital for medical treatment prior to booking. No officers were injured. The male sustained minor injuries due to the use of force.

- **November 26, 2023**

On November 26, 2023, at about 9:25 a.m., officers were investigating a report of a male sleeping on the property at Horace Mann Child Development Center on 3401 Scott Road.

As officers approached the suspect, he reached his hand into his right pocket and pulled out a knife. The suspect then threatened the officers multiple times. When the suspect walked toward another officer with the knife in his hand, an officer deployed an *Exact Impact 40mm Standard Range Sponge Round* (model 6325) from the *Defensive Technology 40mm Single Shot Launcher* (model 1327) causing the suspect to drop the knife. The suspect was taken into custody without further incident.

The male was treated by Burbank Fire Department personnel at the scene and taken to a local hospital for medical treatment. No officers were injured. The male sustained minor injuries due to the use of force.

COMPLAINTS SUMMARY REGARDING MILITARY EQUIPMENT USAGE

The application and use of Military Equipment may cause questions and/or concerns for members of the community. It is vitally important that community members' questions and concerns regarding the application and use of military equipment are addressed.

Any member of the public can register a question, concern, or complaint regarding Military Equipment use either in person or telephonically by contacting the Department's Community Outreach and Personnel Services Bureau (818-238-3231). Complaints may also be submitted electronically via the Police Department's website at:

<https://www.burbankpd.org/online-services/complaint-form/>

A response to the questions, concerns, or complaints will be completed by the Department in a timely manner.

In 2023, the Department did not receive any complaints regarding the use of Military Equipment.