



Burbank Police Department

Michael Albanese, Chief of Police

Policy
709

Approved:

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CALEA

Effective Date: March 10, 2022

CHAPTER 7 - EQUIPMENT

Military Equipment

709.1 PURPOSE AND SCOPE

This policy provides guidelines for the approval, acquisition, and reporting requirements of military equipment (Government Code § 7070; Government Code § 7071; Government Code § 7072).

709.1.1 DEFINITIONS

Definitions related to this policy include (Government Code § 7070):

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.
- 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 firearms and accessories identified as assault weapons in Penal Code § 30510 and Penal Code § 30515, except for standard-issue firearms.



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- Any firearm or firearm accessory that is designed to launch explosive projectiles.
- Noise-flash diversionary devices and explosive breaching tools.
- Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray.
- TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs).
- Kinetic energy weapons and munitions.
- Any other equipment as determined by a governing body or a state agency to require additional oversight.

709.2 POLICY

It is the policy of the Burbank Police Department that members of this Department comply with the provisions of Government Code § 7071 with respect to military equipment.

709.3 MILITARY EQUIPMENT COORDINATOR

The Administrative Division Captain is the military equipment coordinator. The responsibilities of the military equipment coordinator include but are not limited to:

- a. Acting as liaison to the governing body for matters related to the requirements of this policy.
- b. Identifying Department equipment that qualifies as military equipment in the current possession of the Department, or the equipment the Department intends to acquire that requires approval by the governing body.
- c. Conducting an inventory of all military equipment at least annually.
- d. Collaborating with any allied agency that may use military equipment within the jurisdiction of Burbank Police Department (Government Code § 7071).
- e. Preparing for, scheduling, and coordinating the annual community engagement meeting to include:
 1. Publicizing the details of the meeting.
 2. Preparing for public questions regarding the Department's funding, acquisition, and use of equipment.



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- f. Preparing the annual military equipment report for submission to the Chief of Police and ensuring the report is made available on the Department website (Government Code § 7072).
- g. Establishing the procedure for a person to register a complaint or concern, or how that person may submit a question about the use of a type of military equipment, and how the Department will respond in a timely manner.

709.4 MILITARY EQUIPMENT INVENTORY

The following constitutes a list of qualifying equipment for the Department:

- See attached inventory.

709.5 APPROVAL

The Burbank Police Department or the authorized designee shall obtain approval from the governing body by way of an ordinance adopting the military equipment policy. As part of the approval process, the Burbank Police Department or the authorized designee shall ensure the proposed military equipment policy is submitted to the governing body and is available on the Department website at least 30 days prior to any public hearing concerning the military equipment at issue (Government Code § 7071). The military equipment policy must be approved by the governing body prior to engaging in any of the following (Government Code § 7071):

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



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709.6 COORDINATION WITH OTHER JURISDICTIONS

Military equipment should not be used by any other law enforcement agency or member in this jurisdiction unless the military equipment is approved for use in accordance with this policy.

709.7 ANNUAL REPORT

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

The Chief of Police or the authorized designee should also make each annual military equipment report publicly available on the Department website for as long as the military equipment is available for use. The report shall include all information required by Government Code § 7072 for the preceding calendar year for each type of military equipment in inventory.

709.8 COMMUNITY ENGAGEMENT

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

709.9 COMPLIANCE

1. The Administrative Division Captain will ensure that all Department members comply with this policy. The Administrative Division Captain will conduct an annual audit with the assistance of the Professional Standards Bureau. All instances of noncompliance will be reported to City Council via the annual Military Equipment use report.
2. Any member of the public can register a question, concern, or complaint regarding Military Equipment use either in person or telephonically by contacting the Burbank Police 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 question, concern, or complaint shall be completed by the Department in a timely manner.

BURBANK POLICE DEPARTMENT

MILITARY EQUIPMENT INVENTORY

2022

1. UNMANNED, REMOTELY PILOTED, POWERED AERIAL OR 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 a 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 *State Homeland Security Grant Program (SHSGP)* in 2009 (\$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 is nearing the end of its lifecycle and the Department will be seeking grant funds for refurbishment and enhancement.

e) Fiscal Impact:

No impact unless parts break or the device needs maintenance.

2. UNMANNED, REMOTELY PILOTED, POWERED AERIAL OR GROUND VEHICLE (**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. 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 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:

Other than initial purchase costs, batteries need to be replaced yearly at a cost of about \$1500.

3. 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 Burbank Police Department's Special Weapons and Tactics team (SWAT), which can provide service to the tri-cities of Burbank, Glendale, and Pasadena. The vehicle enables the Burbank Police Department personnel to perform critical response and rescue operations in a safe, secure, and highly mobile armored vehicle. This vehicle supports Burbank Police personnel in any hazardous, high risk, or critical incident which would benefit from having a vehicle that provides a high level of ballistic protection.
- IV. Purchase Cost: Purchased with funds from 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 Special Purpose Vehicle policy (Policy 707).

d) Expected Life Span:

Approximately 20 years.

e) Fiscal Impact:

\$6,046.06 for general maintenance.

4. 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 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 deployment of the Command Post. Refer to *Special Purpose Vehicles* policy (Policy 707).

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 *Special Purpose Vehicles* policy (Policy 707).

d) Expected Life Span:

Approximately 20-25 years.

e) Fiscal Impact:

\$2,164.57 for general maintenance.

5. BREACHING APPARATUS (**BREACHING SHOTGUNS**)

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 Burbank Police 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, dead bolts, safety chains, and pad locks on both wooden and hollow core doors. Upon impact of 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 operators 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 fiscal impact other than initial purchase.

6. SPECIALIZED FIREARMS AND AMMUNITION (**PATROL RIFLES**)

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

- I. Description: COLT MODEL LE6940 (AR-15 Rifle), also described as a lightweight, air-cooled, gas operated, magazine fed, shoulder fired weapon, designated for semi-automatic fire.
 - i. The Burbank Police Department utilizes *Winchester* 5.56mm 64 grain Bonded Solid Base (#RA556B) ammunition.
- II. Quantity: 35
- III. Capabilities: Capable of accurately stopping an armed subject at various distances and enables the operator to engage accurately beyond the effective range of a pistol or shotgun.
- IV. Purchase Cost: \$1,001.58 each

b) Purpose:

To more effectively address the increasing level of risk to patrol officers and the public by suspects armed with assault weapons and body armor, the Burbank Police Department will deploy Department owned patrol rifles in all patrol vehicles as an immediate tactical resource to qualified officers. In addition, sworn Department members are authorized to purchase and deploy personally owned and approved patrol rifles for law enforcement purposes while on duty. Refer to Policy 432 – *Patrol Rifles / Personal Patrol Rifles*.

c) Authorized Use:

Department owned patrol rifles and personally owned and approved patrol 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 fiscal impact other than initial purchase.

7. SPECIALIZED FIREARMS AND AMMUNITION (**SWAT COMMANDO RIFLES**)

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

- I. Description: COLT M16-A2 Commando (AR-15 Rifle), also described as a lightweight, air-cooled, gas operated, magazine fed, shoulder fired weapon, designated for semi-automatic fire.
 - i. The Burbank Police Department utilizes *Hornady* 5.56mm NATO, 75 grain Tactical Application Police (TAP), Short-barreled Rifle (SBR) (#81296) ammunition.
- II. Quantity: 22
- III. Capabilities: Capable of accurately stopping an armed subject at various distances. The *Colt* Carbine Rifle is a lightweight, air-cooled, gas operated, magazine fed, shoulder fired weapon, designed for semi-automatic fire.
- IV. Purchase Cost: \$1,001.58 each

- b) Purpose:**
SWAT short-barreled rifles are more effective in clearing buildings and use in close quarters.
- c) Authorized Use:**
Department owned SWAT 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:**
Approximately 20 years.
- e) Fiscal Impact:**
No fiscal impact other than initial purchase and replacement cost upon reaching lifecycle.

8. NOISE-FLASH DEVICE (**FLASH-BANGS**)

- 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: 70
 - 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.
 - 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 potential for armed resistance. Refer to *Use of Force* policy (Policy 300) and *SWAT* policy (Policy 408).
- 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 fiscal impact other than initial and replacement purchase.

9. DIVERSIONARY DEVICE / CHEMICAL AGENT DELIVERY DEVICE (MUNITION)

- 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, including the fuse head, and 3.1 in. diameter. This launchable device holds approximately 1.6 oz. of active agent which is expelled through three ports around the equator of the ball. (Quantity: 20 / Cost: \$36.66 each)
- ii. **Spede-Heat Grenade CS** is a high volume, continuous burn device, which expels its payload in approximately 20-40 seconds. The payload is discharged through four gas ports on top of the canister, three on the side and one on the bottom. This launchable device is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent. (Quantity: 40 / 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 payload. It has an approximate burn time of 20-30 seconds. (Quantity: 20 / Cost: \$47.00 each)
- iv. **Tri-Chamber OC Grenade** combines the effectiveness of Oleoresin Capsicum (OC) as an incapacitating agent with the flexible delivery methods, range, and area coverage of pyrotechnic munitions. The OC Flameless *Tri-Chamber* 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 to detect and/or dislodge a barricaded subject. This device will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The *Tri-Chamber* Flameless Grenade was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. (Quantity: 30 / Cost: \$32.33 each)
- vi. **Pocket Tactical CS Grenade** is small and lightweight with 0.9 oz. of active agent and will burn approximately 20-40 seconds. (Quantity: 41 / Cost: \$19.60 each)
- vii. **Riot Control Continuous Discharge Grenade (CS)** 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 encourage movement of

- a crowd. This launchable device is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent. (Quantity: 21 / Cost: \$26.95 each)
- viii. **Red Smoke Grenade** designed specifically for outdoor use in crowd control situations 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 movement of a crowd. This launchable colored smoke device is 6.0 in. by 2.35 in. and holds approximately 2.9 oz. of 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 in crowd management situations. 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. The 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: 50 / 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 discomfort, which are deployed to gain compliance from barricaded suspects, non-compliant suspects, or unruly crowds. Ortho chlorobenzalmalonitrile (CS) and Oleoresin Capsicum (OC) causes tearing, involuntary closing of eyes, stinging on skin, runny nose, tightness in chest, burning sensation in lungs, and shortness of breath. Refer to *Use of Force* policy (Policy 300) and *Control Devices* policy (Policy 308).
 - 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 fiscal impact other than initial and replacement purchase.

10. CHEMICAL AGENT DELIVERY DEVICE (**FIRST DEFENSE OC/CS MK-9 STREAM AEROSOL**)

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

- I. Description: *First Defense OC/CS MK-9 Stream Aerosol*
- II. Quantity: 20
- 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:

The purpose of the *OC/CS MK-9 Stream Aerosol* is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. Refer to *Use of Force* policy (Policy 300) and *Control Devices* policy (Policy 308).

c) Authorized Use:

Only SWAT personnel 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 fiscal impact other than initial and replacement purchase.

11. KINETIC ENERGY WEAPON (***PEPPERBALL VARIABLE KINETIC SYSTEM CARBINE 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 paint ball 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 at a subject up to 60 feet. System capable of area saturation up to 150 feet. Non-lethal option to offer law enforcement officers to deliver chemical agents and kinetic energy impacts to subjects in a potentially violent encounter. De-Escalation tool used to avoid further injuries or lethal options on a subject.
- IV. Purchase Cost: \$899.00 each

b) Purpose:

This Department is committed to reducing the potential for violent confrontations. 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 *Use of Force* policy (Policy 300) and *Control Devices* policy (Policy 308).

c) Authorized Use:

Only assigned operators 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 fiscal impact other than initial purchase.

12. KINETIC ENERGY WEAPON (**40 MM DEFENSIVE TECHNOLOGY LAUNCHER**)

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

- I. Description: *Defensive 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 lightweight, high-speed projectile consisting 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: 252 / Cost: \$18.25 each)
 - ii. **Exact Impact 40mm Extended Range Sponge Round** is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting 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 munition that 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, maximizing the potential for incapacitation. (Quantity: 13 / Cost: \$25.88)
 - iv. **Direct Impact 40 mm CS Crushable Foam Round** is a munition that is a point-of-aim, point-of-impact direct-fire round. This munition is loaded with orthochlorobenzalmalonitrile (CS) powder. It combines impact with the effects of an irritant powder, maximizing the potential for incapacitation. (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: 31 / 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: 36 / Cost: \$20.50 each)
 - vii. **Spede-Heat Round (CS)** incorporates an aluminum shell and utilizes black powder as a propellant. It is used for ranged delivery of chemical agents in outdoor settings. (Quantity: 27 / 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. It can also be deployed in tactical operations such as barricaded subjects, room clearing, area denial, and for small space contamination, and a means of contaminating crawl spaces and attics. It is an excellent device for deploying chemical-laden CS powder at close ranges for indoor or outdoor operations. The cloud of agent is very effective in filling holes in dispersals lines or engaging at close distances while mitigating the risk of injury from projectile. (Quantity: 20 / 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. The *Skat Shell* contains four separate sub-munitions and provides a wide area of coverage. (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 sponge tip chemical agent rounds.
 - IV. Purchase Cost: \$860.00 each *Defensive Technology* 40mm Single Shot Launcher

b) Purpose:

This Department is committed to reducing the potential for violent confrontations. 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 *Use of Force* policy (Policy 300) and *Control Devices* policy (Policy 308).

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 fiscal impact other than initial purchase of launchers.