

Military Equipment Funding, Acquisition, and Use Policy

706.1 PURPOSE AND SCOPE

The purpose of this policy is to provide guidelines for the approval, acquisition, and reporting requirements of military equipment (Government Code § 7070; Government Code § 7071; Government Code § 7072).

706.1.1 DEFINITIONS

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

Governing body – The City Council of the City of Huntington Beach.

Military equipment – Any of a wide variety of items as defined by Government Code § 7070, subsection (c), as may be amended from time to time.

706.2 POLICY

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

706.3 MILITARY EQUIPMENT COORDINATOR

The Chief of Police or an authorized designee shall act as 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 the Huntington Beach 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.
- f. Preparing the annual military equipment report for submission to the Chief of Police and ensuring that the report is made available on the Department's website (Government Code § 7072).
- g. Making recommendations for future revisions of the military equipment policy.

706.4 MILITARY EQUIPMENT INVENTORY

A current list of qualifying equipment for the Department is attached to this Policy as Exhibit 1.

706.5 APPROVAL

The Chief of Police 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 Chief of Police

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 Department's jurisdiction.
- 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.

Nothing in this policy shall preclude the Department from using funds to maintain or replace existing equipment for use in the same manner as previously approved by the City Council.

706.6 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.

706.7 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 the Department's inventory.

706.8 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.

706.9 COMPLIANCE

1. The Training Division will ensure that all Department members comply with this policy by conducting an annual audit with the assistance of the Professional Standards Unit. The Chief of Police or designee will be notified of any policy violations and, if needed, the violation(s) will be referred to the Professional Standards Unit and handled in accordance with Reference Manual Section 310.7 (Administrative Investigations).

2. Any member of the public can register a question or concern regarding military use equipment by contacting the Professional Standards Unit via email at policepsu@hbpd.org. A response to the question or concern shall be completed by the Department in a timely manner.
3. Any member of the public can submit a complaint by contacting the on-duty Watch Commander, the Professional Standards Unit, or any other supervisor, consistent with the Citizen Complaint Reporting Procedure available on the Department's website. A response to the complaint shall be completed by the Department in a timely manner.
4. All instances of non-compliance will be reported to City Council via the annual military equipment report.

EXHIBIT 1

CURRENT MILITARY EQUIPMENT INVENTORY

(Attached)

1. **UNMANNED AIRCRAFT SYSTEM (UAS):** An unmanned aircraft along with the associated equipment necessary to control it remotely.

a. Description, Quantity, Capabilities and Purchase Cost

- i. DJI PHANTOM 4 PRO - Cost: \$1,599 each; quantity: 2. UAS that weighs approximately 1388 grams and can record video and audio with approximately 30 minutes of flight time.
- ii. DJI MAVIC AIR - Cost: \$579 each; quantity: 2. UAS with a single-color camera with no zoom capabilities, weighs approximately 230 grams and has video recording capabilities with approximately 21 minutes of flight time.
- iii. DJI MAVIC AIR 2S - Cost: \$799 each; quantity: 6. UAS with a single-color camera with zoom capabilities, weighs approximately 570 grams and has video recording capabilities with approximately 43 minutes of flight time.
- iv. DJI MAVIC PRO - Cost: \$1500; quantity: 2. UAS that weighs approximately 899 grams with 25 minutes of flight time and a single-color camera with recording capabilities.
- v. DJI MAVIC ENTERPRISE DUAL - Cost: \$2,500 each; quantity: 1. UAS that has a color and thermal camera as well as audible speaker and light, capable of video recording and weighs 899 grams with approximately 30 minutes of flight time.
- vi. DJI MAVIC ENTERPRISE - Cost: \$2,495 each; quantity: 10. UAS that has a color zoom camera as well as audible speaker and light, capable of video recording and weighs 899 grams with approximately 30 minutes of flight time.
- vii. DJI MAVIC ENTERPRISE ADVANCED - Cost: \$6,500 each; quantity: 10. UAS that has a color and thermal zoom camera as well as an audible speaker and light, capable of video recording and weighs 909 grams with approximately 31 minutes of flight time.
- viii. DJI M210 - Cost: \$25,000 each; quantity: 1. UAS that has a thermal zoom color camera and weighs 6.14 kilograms. Has video recording capabilities with approximately 38 minutes of flight time
- ix. AUTEL EVO 1 - Cost: \$1,000 each; quantity: 1. UAS that has a color camera with zoom, capable of video recording and weighs 370 grams with approximately 30 minutes of flight time.
- x. AUTEL EVO 2 6K - Cost: \$ 1,795 each; quantity: 2. UAS that has a color camera with zoom, capable of video recording and weighs 1127 grams with approximately 40 minutes of flight time.
- xi. AUTEL EVO 2 DUAL R - Cost: \$ 12,300 each; quantity: 2 (to be purchased this year). UAS that has a color and thermal camera with zoom, as well as audible speaker and light, capable of video recording and weighs 1127 grams with approximately 40 minutes of flight time.
- xii. SKYDIO 2 - Cost: \$1,000 each; quantity: 1. UAS that has a color camera capable of video recording and weighs 280 grams with approximately 23 minutes of flight time.

- xiii. SY-HERO LOKI MK2 - Cost: \$10,000 (set of 2); quantity: 2. UAS that has a color and infrared camera and weighs approximately 8 oz, does not record video and has approximately 16 minutes of flight time.

b. Purpose

Small Unmanned Aerial Systems are 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. Evidence collection
- iii. Search for missing persons/swimmers
- iv. Crime scene photography
- v. Natural disaster management
- vi. Situational awareness during major incidents
- vii. SWAT, tactical or other public safety and life preservation missions
- viii. In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.

c. Authorized Use

Only assigned UAS team members who have completed the required training and hold a valid FAA Part 107 license, shall be permitted to operate any UAS during approved missions.

d. Expected Life Span

All UAS equipment, approximately 3-5 years.

e. Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$25,000.

f. Training

All department UAS operators are licensed by the Federal Aviation Administration for UAS operation under FAA Regulation 14 CFR Part 107. In addition, each operator must attend initial department or POST-certified training and participate in ongoing training.

g. Legal and Procedural Rules

FAA Regulation 14 CFR Part 107 and the Huntington Beach Lexipol Policy section 463 (UAS Policy). It is the policy of the Huntington Beach Police Department to utilize UAS only for official purposes and in a manner that respects the privacy of our community pursuant to State and Federal law.

2. **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

- i. TRANSCEND VANTAGE TACTICAL ROBOT - Cost: \$26,000; quantity: 1. A remotely operated, tactical robot providing officers with the ability to observe the interior of a structure without entering. This capability increases the safety of community members, officers and suspects by providing the operator with the ability to observe and locate subjects without the risk of a face-to-face confrontation. Additionally, the remote, two-way communication capability allows operators to de-escalate situations by negotiating the surrender of barricaded subjects.
- ii. RECON THROWBOT TACTICAL ROBOT - Cost: \$15,000; quantity: 2. A throwable micro-robot platform that enables operators to obtain instantaneous video and audio reconnaissance within indoor or outdoor environments. This capability increases the safety of community members, officers and suspects by providing the operator with the ability to observe and locate subjects without the risk of a face-to-face confrontation. This robot is portable and able to be easily carried by officers.
- iii. ROBOTEX AVATAR TACTICAL ROBOT - Cost: \$18,000; quantity: 1. A remotely operated, tactical robot providing officers with the ability to observe the interior of a structure without entering. This capability increases the safety of community members, officers and suspects by providing the operator with the ability to observe and locate subjects without the risk of a face-to-face confrontation.

b. Purpose

To be used during tactical incidents to safely search a structure without exposing officers and/or community members to the risk of a face-to-face confrontation.

c. Authorized Use

Tactical robots shall only be deployed by Department personnel trained in their use.

d. Expected Life Span

All robots, approximately 8-10 years.

e. Fiscal Impact

Annual maintenance and battery replacement costs of approximately \$2,500.

f. Training

All operators shall receive initial training before deploying the robots in the field.

g. Legal and Procedural Rules

The Department shall only utilize the robots for official law enforcement purposes, pursuant to State and Federal Law.

3. **ARMORED VEHICLES:** Commercially produced, ballistically protected, wheeled vehicles designed for law enforcement purposes.

a. Description, Quantity, Capabilities and Purchase Cost

- i. LENCO BEAR - Cost: \$293,745; quantity: 1. The Lenco Bear is an armored rescue vehicle that seats 10-12 personnel with open floor plan that allows for rescue of down civilians and personnel. It can stop various projectiles which provides greater safety to civilians and officers beyond the protection level of shields and personal body armor.
- ii. TERRADYNE GUHRKA - Cost: \$353,653; quantity: 1. The Terradyne Guhrka is an armored vehicle that seats 7-8 personnel with open floor plan that allows for rescue of down civilians and personnel. It can stop various projectiles which provides greater safety to civilians and officers beyond the protection level of shield and personal body armor. In addition, it is equipped with Advanced Lifesaving Equipment, at the level of an ambulance, to provide injured persons with an immediate, advanced level of medical treatment increasing the likelihood of reduced long-term injury or death.

b. Purpose

To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, assist in resolving critical incidents, and provide immediate, advanced lifesaving medical treatment.

c. Authorized Use

Armored vehicles shall only be deployed by personnel trained in their use and in a manner consistent with Department policies and procedures.

d. Lifespan

All vehicles have an estimated lifespan of 25 years.

e. Fiscal Impact

Annual maintenance costs of approximately \$10,000.

f. Training

All drivers/operators shall attend formalized instruction in vehicle operations, practical driving instruction and deployment procedures.

g. Legal and Procedural Rules

The Department shall only utilize armored vehicles for official law enforcement purposes, pursuant to State and Federal law.

- 4. MOBILE COMMAND POST VEHICLE (MCP):** A vehicle used as a mobile office that provides shelter, a communications center, access to Department computer systems and restroom facilities during extended events.

a. Description, Quantity, Capabilities and Purchase Cost

FREIGHTLINER MT55 CHASSIS (custom built by LDV) VEHICLE - Cost: \$191,000; quantity: 1. The MCP can also be utilized for SWAT/CNT and other critical incidents; preplanned, large events; searching for missing persons; natural disasters; and community events.

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, are authorized to operate the MCP. Only officers who have completed the California State Class B Commercial driving school and become properly licensed will be allowed to drive the MCP.

d. Lifespan

Estimated lifespan of 20 years on chassis and vehicle. Annual IT upgrades will be necessary.

e. Fiscal Impact

Annual maintenance costs of approximately \$7,500.

f. Training

The driver/operator shall receive training in the safe handling of the vehicle on a closed training course. Driver/operators shall also undergo California Department of Motor Vehicles commercial vehicle testing (Class B).

g. Legal and Procedural Rules

The Department shall only utilize the vehicle for official law enforcement purposes in accordance with California State law regarding the operation of motor vehicles.

5. **CRISIS NEGOTIATION TEAM (CNT) VEHICLE:** A vehicle used as a mobile crisis negotiations team office that provides shelter, access to Department computer systems, and a communications center on extended events.

a. **Description, Quantity, Capabilities and Purchase Cost**

FORD TRANSIT VAN (custom built) VEHICLE - Cost: \$115,000; quantity: 1. The CNT vehicle can be utilized with SWAT/CNT callouts.

b. **Purpose**

To be utilized for critical incident callouts.

c. **Authorized Use**

The CNT vehicle will be used by officers and staff who have been properly trained in the safe handling of the vehicle. The driver of the vehicle shall have a valid California driver license.

d. **Lifespan**

Estimated lifespan of 30 years on chassis and vehicle.

e. **Fiscal Impact**

Annual maintenance costs of approximately \$600.

f. **Training**

To be used by officers and staff who have been properly trained in the safe handling of the vehicle. The driver of the vehicle shall have a valid California driver license.

g. **Legal Procedural Rules**

The Department shall only utilize the vehicle for official law enforcement purposes in accordance with California State law regarding the operation of motor vehicles.

6. **LONG RANGE ACOUSTIC DEVICE (LRAD):** Long Range Acoustical Device (LRAD) is a high intensity, directional acoustical array for long range, crystal clear hailing, notification, and an unmistakable warning tone. The LRAD is primarily used as a communication device.

a. **Description, Quantity, Capabilities and Purchase Cost**

LRAD 100X MAG- HS WIRELESS KIT - Cost: \$16,586; quantity: 1. Self-contained, portable, and featuring an extended voice broadcast range out to 600 meters, the LRAD 100X ensures voice messages are clearly heard and understood. LRAD's optimized driver, waveguide, and power efficiency technologies enable the LRAD 100X to provide several hours of clear, continuous communication from a single battery charge.

b. **Purpose**

To be used to issue dispersal orders during crowd and riot control situations or to

address the public in the event of civil emergencies, natural disasters, evacuations, and police incidents (e.g., missing persons, perimeters for wanted suspects, K9 deployments, etc.). The LRAD may also be used to issue a warning tone.

c. Authorized Use

LRADs shall only be used by personnel trained in its deployment and used in a manner consistent with State and Federal law.

d. Lifespan

Estimated lifespan of 25 years.

e. Fiscal Impact

Annual maintenance costs of approximately \$400.

f. Training

All operators will receive training prior to operating the LRAD in the field.

g. Legal and Procedural Rules

The Department shall only utilize the LRAD for official law enforcement purposes, pursuant to State and Federal law.

7. 40MM LAUNCHERS AND ROUNDS: 40mm launchers are utilized by Department personnel as a less-lethal tool to deploy less-lethal impact munitions and chemical munitions.

a. Description, Quantity, Capabilities and Purchase Cost

- i. LMT TACTICAL SINGLE SHOT LAUNCHER, #1425 - Cost: \$1,000; quantity: 59. The 40mm Single Launcher is a tactical single-shot launcher that features an integrated stock and an adjustable, integrated front grip with a top rail. It will fire standard 40mm less-lethal ammunition up to 4.8 inches in cartridge length. It will launch a 40mm less-lethal round up to 131 feet.
- ii. PENN ARMS, #1377, 40mm MULTI-LAUNCHER - Cost \$2,890; quantity: 1. The 40mm Multi-Launcher is a tactical pump advance multi-shot (6) launcher that features an integrated stock with a top rail. It will fire standard 40mm less-lethal ammunition up to 4.8 inches in cartridge length.
- iii. DEFENSE TECHNOLOGY, 40mm EXACT IMPACT SPONGE, #6325 - Cost: \$20; quantity: 300. A less-lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose-built 40mm launcher with a rifled barrel at 345 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. It is designed as a less-lethal option for violent persons actively engaging in criminal behavior. Only members of the Department who have completed training by a POST- certified less-lethal instructor are authorized to deploy the 40mm round.

- iv. DEFENSE TECHNOLOGY, 40mm EXACT IMPACT INERT & MARKING SPONGE, #6323 - Cost: \$20; quantity: 300. A less-lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose-built 40mm launcher with a rifled barrel at 305 FPS. The 3.8-gram foam projectile delivers 120 ft/lbs of energy on impact with inert marking agent. 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. It is designed as a less-lethal option for violent persons actively engaging in criminal behavior. The marking feature is effective in identifying persons who are in crowds, have the ability to flee, or who may attempt to flee from apprehension. Only members of the Department who have completed training by a POST-certified less-lethal instructor are authorized to deploy the 40mm round.
- v. DEFENSE TECHNOLOGY, FERRETT 40mm LIQUID BARRICADE PENETRATOR ROUND, #2262 - Cost: \$23; quantity: 25. A less lethal 40mm round used to penetrate barriers such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.

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
- vi. Tactical situations involving the deployment of the Department's SWAT Team

d. Training

Personnel deploying less-lethal or chemical agents will be trained in their use and deployment before using them in the field. A POST-certified less-lethal or chemical agent instructor will conduct all training.

e. Lifespan

LMT Single Shot Launcher: 25 years
Penn Arms Launcher: 25 years
All listed munitions: 5 years

f. **Fiscal Impact**

Annual maintenance cost is approximately \$50 for each launcher.

g. **Legal and Procedural Rules**

The Department shall only utilize 40mm launchers and rounds during critical incidents for official law enforcement purposes, pursuant to State and Federal law.

8. **COMBINED SYSTEMS LC5 40mm TACTICAL LAUNCHING CUP:** Cups attach to 12 gauge, less-lethal shotguns allowing officers to launch canisters of chemical agents or smoke.

a. **Description, Quantity, Capabilities and Purchase Cost**

COMBINED SYSTEMS LC5 40mm LAUNCHING CUP - Cost: \$346; quantity: 2. The LC5 Launching Cups are designed for the 5200 series grenades. The cups can be attached to virtually any 12 gauge shotgun and the munition launched with our model 2600 launching cartridge.

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
- vi. Tactical situations involving the deployment of the Department's SWAT Team

d. **Lifespan**

Estimated lifespan: 25 years

e. **Fiscal Impact**

No annual maintenance.

f. **Training**

Officers utilizing the launching cups are trained by POST-certified chemical agent instructors.

g. Legal and Procedural Rules

The Department shall only utilize 40mm launching cups for official law enforcement purposes, pursuant to State and Federal law.

9. NOISE FLASH DIVERSIONARY DEVICES (NFDD): A device used to distract or divert a dangerous person's attention.

a. Description, Quantity, Capabilities and Purchase Cost

- i. COMBINED TACTICAL SYSTEMS, 7290 FLASH-BANG - Cost: \$42; quantity: 25. A non-bursting, non-fragmenting, flashbang 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.
- ii. COMBINED TACTICAL SYSTEMS, 7290-2 FLASH-BANG - Cost: \$56; quantity: 15. A non-bursting, non-fragmenting, multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
- iii. COMBINED TACTICAL SYSTEMS, 7290-5 FLASH-BANG - Cost: \$125; quantity: 5. A non-bursting, non-fragmenting, multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
- iv. COMBINED TACTICAL SYSTEMS, 7290-9 FLASH-BANG - Cost: \$156; quantity: 5. A non-bursting, non-fragmenting, multi-bang device that produces a thunderous bang with an intense bright light. Ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
- v. COMBINED TACTICAL SYSTEMS, 7290M MINI FLASH-BANG - Cost: \$40; quantity: 10. The 7290M Flash-Bang exhibits all the same attributes of its larger counterpart but in a smaller and lighter package. Weighing in at just 15 ounces, the new 7290M is approximately 30% lighter than the 7290 but still has the same 175 db output of the 7290 and produces 6-8 million candelas of light.
- vi. DEFENSE TECHNOLOGY, 8933 LOW-ROLL RELOADABLE DIVERSIONARY DEVICE - Cost: \$55; quantity: 30. A non-bursting, non-fragmenting flashbang 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.
- vii. DEFENSE TECHNOLOGY, 8922CI LOW ROLL 2CI RELOADABLE DIVERSIONARY DEVICE - Cost: \$75; quantity: 10. A non-bursting, non-fragmenting flashbang 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 diversionary device is used to distract dangerous suspects during assaults, hostage rescue, room entry, or other high-risk arrest situations. To produce atmospheric overpressure 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

Diversionary 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.

f. Training

Prior to use, officers must attend diversionary device training conducted by POST-certified instructors.

g. Legal and Procedural Rules

The Department shall only utilize NFDDs for official law enforcement purposes, pursuant to State and Federal law.

10. RIFLES AND AMMUNITION: Shoulder-fired firearms, with long, spirally-grooved barrels, intended to cause projectiles to spin, improving accuracy over a long distance.

a. Description, Quantity, Capabilities and Purchase Cost

- i. DANIEL DEFENSE DDM4 V7 223/5.56 PATROL RIFLE equipped with an Aimpoint optic, tactical light, and sling - Cost: \$2,555; quantity: 61. The DDM4 V7 AR15-style firearm features M-LOK attachment technology with the Daniel Defense MFR 15.0 rail. Built around a cold hammer forged, 16-inch barrel, the V7 has a DD improved flash suppressor to reduce flash signature. The mid-length gas system provides smooth and reliable cycling under any condition and reduces both perceived recoil and wear on moving parts. With the M-LOK attachment points that run along 7 positions and an uninterrupted 1913 Picatinny rail on top, the V7 has adjustable back up iron sights. The independently ambi GRIP-N-RIP charging handle accommodates left- and

right-handed shooters. This rifle also comes with the ergonomic Daniel Defense buttstock and pistol grip.

- ii. DANIEL DEFENSE SOCOM-MK18 223/5.56 SWAT RIFLE equipped with an Aimpoint optic, tactical light and sling - Cost: \$2,600; quantity: 35. The SOCOM-MK18 AR15-style firearm features a quad-rail system, cold hammer forged 10.3-inch barrel. The MK18 delivers optimal maneuverability, reliability, accuracy and terminal ballistics using a wide variety of ammunition. Its carbine length gas system provides smooth and reliable cycling under harsh conditions and reduces perceived recoil. With the quad-rail attachment points that run along 7 positions and an uninterrupted 1913 Picatinny rail on top, the MK-18 has plenty of room for sights, optics, and accessories the user may require. Pairing a 10.3-inch barrel and the quad-rail also ensures compatibility with a wide variety of muzzle devices and sound suppressors. The independently ambi GRIP-N-RIP charging handle accommodates left- and right-handed shooters. This rifle also comes with the ergonomic buttstock and pistol grip.
- iii. BUSHMASTER AR15 223./5.56 PATROL RIFLE equipped with Trijicon ACOG sight, tactical light and sling - Cost: \$2,500; quantity 26. The AR15- style firearm features the Picatinny rail cage with Bushmaster 16" barrel and mid-length gas tube system. The Picatinny rail system allows attachments of the tactical light with pressure switch, adjustable iron sights and the Trijicon ACOG 4x32 model sight system.
- iv. BUSHMASTER AR15 223./5.56 PATROL RIFLE equipped with iron sights and a sling, used strictly for the Ceremonial Detail. Cost: \$1,000, quantity 8. The AR15 rifle is in an M4 configuration with a carry handle and fixed rifle stock.
- v. GEISSELE SUPER DUTY RIFLE CHF #08-392 equipped with an Aimpoint optic, tactical light, Surefire Suppressor and sling - Cost \$3,400, quantity 90. Geissele SSA Trigger, Bolt Carrier group – 5.56 modular rail MK16 M-LOK, Geissele A22 rifle grip. Surefire CTN Warcomp flash hider. Surefire second generation SoCom suppressor for 5.56. T1 Lower. Aimpoint Micro T-2 optic. Folding front and rear sights.
- vi. ACCURACY INTERNATIONAL AT308 RIFLE, cost: \$4700, quantity: 4. .308 Winchester (short action) 5.8kg (12.8lb) with empty magazine, no scope, 24" barrel, no muzzle brake. Fixed stock, standard adjustable cheek piece, fixed butt pad with spacers, pistol grip, flush cup spring attachment points, 20 MOA STANAG 4694/Mil Std 1913 action rail, double chamber standard muzzle brake.
- vii. REMINGTON 700 COMPACT TACTICAL RIFLE .308 – Cost: \$2,000; quantity: 1. Remington's Model 700 Compact Tactical Rifle features a 416 stainless steel-barreled action with externally adjustable trigger.
- viii. WINCHESTER.223/5.56 TRAINING AMMUNITION - Cost: \$170 per case of 500; quantity: 120 cases. Winchester ammunition features a lead core 55-grain full metal, non-magnetic jacket. Non-corrosive boxer primer and new virgin brass casings can be reloaded up to seven times.
- ix. WINCHESTER 223./5.56 RANGER BALLISTIC SILVERTIP DUTY AMMUNITION #RA223BSTA - Cost: \$388 per case; quantity 75 cases.

Winchester Ranger is the highest line quality intended for law enforcement. Winchester Ranger 223 Remington has a muzzle velocity of 3240 feet per second and muzzle energy of 1262 foot pounds. Winchester Ranger ammo is reloadable, features new virgin brass casings and boxer primers. This ammunition is non-corrosive.

- x. FEDERAL TACTICAL TRU .308 168GR RIFLE ROUND - cost: \$398 per case of 500; quantity: 10 cases. The tactical ballistic tip bullet's polymer tip provides excellent accuracy, while tapered jackets allow rapid, yet controlled, expansion. The ammunition utilizes low-flash propellants; the best Federal brass and crimped primers. This Federal 308 Winchester TRU ammo features brass cases, boxer primer and is non-corrosive and 100% reloadable. It features a 168 grain ballistic tip.

b. Purpose

To be used as precision weapons to address threats that exceed the capability of the Department's standard-issue handgun.

c. Authorized Use

Only members POST-certified in the use of the rifle are authorized to deploy them in the field.

d. Lifespan

Listed .223/5.56 caliber rifles have a 10-15 year lifespan.
Listed .308 caliber rifles have a 10-15 year lifespan.
Listed ammunition is good until used.

e. Fiscal Impact

The Department budgets \$106,000 annually for all Department firearms ammunition. Annual maintenance cost is approximately \$50 for each rifle.

f. Training

Prior to using a rifle, officers must be certified by POST instructors in the operation of the rifle. All members that operate any rifle are required to pass a range qualification two times a year

g. Legal and Procedural Rules

The Department will only utilize rifles for official law enforcement purposes, pursuant to Department Policy and State and Federal law.

11. CHEMICAL AGENT AND SMOKE CANISTERS: Canisters that contain chemical agents that are released when deployed.

a. Description, Quantity, Capabilities and Purchase Cost

- i. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER, OC, #1030 - Cost: \$43; quantity: 10. The design of the Tri-Chamber Flameless OC 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. 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.

- ii. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE GRENADE, CS, #1082 - Cost: \$27; quantity: 75. 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. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 inches by 2.35 inches and holds approximately 2.7 ounces. of active agent.
- iii. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS GRENADE, #1032 - Cost \$36; 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 ounces. 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, SPEDE-HEAT CONTINUOUS DISCHARGE CANISTER, CS, #1072 - Cost: \$29; quantity: 15. The Spede-Heat™ CS canister is a high volume, continuous burn. It 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 canister is 6.12 inches by 2.62 inches and holds approximately 2.9 ounces. of active agent.
- v. DEFENSE TECHNOLOGY, POCKET TACTICAL CANISTER, CS, #1016 - Cost: \$25; quantity: 20. The Pocket Tactical CS Canister is small and lightweight. The 0.9 ounces of active agent will burn approximately 20-40 seconds. At 4.75 inches by 1.4 inches in size, it easily fits in most tactical pouches. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-

size tactical canister.

- vi. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER SAF-SMOKE GRENADE, #1033 - Cost: \$35; quantity: 10. The design of the Tri-Chamber Flameless Saf-Smoke 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 ounces 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.
- vii. DEFENSE TECHNOLOGY, MAXIMUM HC (Hexachloroethane) SMOKE, LARGE STYLE CANNISTER, #1073 - Cost: \$37; quantity: 5. Designed specifically for outdoor use in crowd management situations, the Maximum Smoke Grenade is a high volume, slow burning device that deploys large quantities of grey-white colored smoke for approximately 1.5 to 2 minutes. The device should be deployed utilizing wind advantage. It can be utilized as a carrying agent (multiplier) for smaller OC, CN or CS munitions, or for concealing the movement of agency personnel. It may also be used as a distraction to focus attention away from other activities.
- viii. DEFENSE TECHNOLOGY, OC VAPOR AEROSOL GRENADE, #1056 - Cost: \$44; quantity: 10. 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.
- ix. DEFENSE TECHNOLOGY, OC AEROSOL GRENADE 1.3% FOGGER, 6 OUNCE, #56854 - Cost: \$22; quantity: 10. The 6 ounce OC Aerosol Grenade will deliver its payload of 1.3% MC% OC in 20-25 seconds. This is an anatomized mist which enhances the pungent 1.3% OC formulation. Ideal for area denial; areas like attics, garages, etc. This device has minimum cleanup. The canister may also be handheld to direct the spray pattern. This product is designed to provide room clearing ability with minimum cleanup requirements.

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.
- vi. Tactical situations involving the deployment of the Department's SWAT Team.

c. Authorized Use

Only officers who have received POST certification in the use chemical agents are authorized to use chemical agents.

d. Training

Sworn members utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.

e. Lifespan

5 years from manufacturing date.

f. Fiscal Impact

No annual maintenance.

g. Legal and Procedural Rules

The Department shall only utilize explosive Chemical Agent and Smoke Canisters for official law enforcement purposes, pursuant to State and Federal law.

12. EXPLOSIVE BREACHING TOOLS: Tools that are used to conduct an explosive breach.

a. Description, Quantity, Capabilities and Purchase Cost

- i. PRIMACORD REINFORCED DETONATING CORD - Cost: \$1 per foot; quantity: 2000 feet. The detonating cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 m/s, any common length of detonation cord appears to explode instantaneously. It is a high-speed fuse which explodes, rather than burns, and is suitable for detonating high explosives.
- ii. ORICA EXEL MS 40' SHOCK TUBE - Cost: \$12 each; quantity: 40. The detonating cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 m/s, any common length of detonation cord appears to explode instantaneously. It is a high-speed fuse which explodes, rather than burns, and is suitable for detonating high explosives.

- iii. ORICA EXEL MS 80' SHOCK TUBE - Cost: \$22 each; quantity: 60. The detonating cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 m/s, any common length of detonation cord appears to explode instantaneously. It is a high-speed fuse which explodes, rather than burns, and is suitable for detonating high explosives.
- iv. BLASTING CAP - Cost: \$12; quantity: 100. A blasting cap is a small, sensitive primary explosive device generally used to detonate a larger, more powerful and less sensitive secondary explosive such as TNT, dynamite or plastic explosive. Blasting caps come in a variety of types, including non-electric caps, electric caps, and fuse caps.
- v. BOOSTERS (Southwest Explosives) 18 GRAM UNCRIMPED - Cost: \$8 each; quantity: 150. A high power explosive, made of a highly safe pentolite charge (a blend of TNT and PETN) for the initiation of blasting agents. Its main purpose is to provide an energetic pulse high enough to rapidly achieve an optimum velocity of detonation of the explosive.
- vi. DONOVAN DURASHEET PETN C-1, SHEET EXPLOSIVE - Cost \$60 per pound; quantity: 20 pounds. Used in conjunction with detonating cord and blasting caps to gain entry into a fortified structure.
- vii. DONOVAN DURASHEET PETN C-2, SHEET EXPLOSIVE - Cost \$55 per pound; quantity: 40 pounds. Used in conjunction with detonating cord and blasting caps to gain entry into a fortified structure.
- viii. DONOVAN DURASHEET PETN C-3, SHEET EXPLOSIVE - Cost \$45 per pound; quantity: 10 pounds. Used in conjunction with detonating cord and blasting caps to gain entry into a fortified structure.
- ix. ROYAL ARMS RDI ROYAL DUAL INITIATOR SHOCK TUBE IGNITER, NSN# 1375-01-533-5362 - Cost: \$590; quantity: 6. Mechanical initiator for explosive breaching operations.
- x. REMINGTON 870 BREACHING SHOTGUN w/ Royal Arms International Barrel - Cost: \$500; quantity: 1. This weapon allows for breachers to safely utilize shotgun breaching rounds in order to destroy deadbolts, locks and hinges. The stand-off that is attached to the end of the barrel allows for positive placement of the gun into the correct position and vents gases to prevent overpressure. This weapon can also defeat windows and sliding glass doors with a flash bang round. A less lethal 2.4 inch, 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams of lead shot at a velocity of 270-290 feet per second (FPS).
- xi. ROYAL ARMS TESAR-3 GREEN CAP 375 GRAIN CLAYVON FRANGIBLE BREACHING ROUND - Cost: \$5 per round; quantity: 25. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks and hinges.
- xii. ROYAL ARMS HP CUTTER 12 GAUGE HOLLOW POINT REBAR CUTTER BREACHING ROUND - Cost: \$6 per round; quantity: 25. The round is fired from a breaching shotgun and is used to cut rebar, penetrate security glass, car doors and can penetrate engine blocks.

b. Purpose

To safely gain entry into a fortified structure.

c. Authorized Use

Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field and during training exercises.

d. Lifespan

Breaching Shotgun: 25 years

Shock Tube: 25 years

Blasting Caps: 10 years

Boosters: 10 years

Detonating cord: 10 years

Sheet Explosive: 10 years

Breaching Rounds: 5 years

e. Fiscal Impact

Annual maintenance cost is approximately \$50.

f. Training

All officers who use explosive breaching tools shall attend at least 40 hours of explosive breaching instruction and must additionally receive quarterly training for explosive operations.

g. Legal and Procedural Rules

The Department shall only utilize explosive breaching for official law enforcement purposes, pursuant to State and Federal law.

13. PEPPERBALL LAUNCHER: A less-lethal device that discharges irritant projectiles.

a. Description, Quantity, Capabilities and Purchase Cost

- i. PepperBall FTC, #720-01-0002 - Cost: \$589; quantity 31. The Full Tactical Carbine System (FTC) is a compressed air-powered launcher designed to fire non-lethal PepperBall projectiles. The PepperBall FTC is a gravity feed system with a hopper containing up to 180 .68 caliber projectiles at one time, which is designed for use with high-pressure air.
- ii. PepperBall INERT Powder Projectiles - Cost: \$1 per projectile; quantity: 2000 projectiles. Inert projectiles used for training purposes.
- iii. PepperBall LIVE PAVA (OC) - Cost: \$2.27 per projectile; quantity: 5000 projectiles. The basic PepperBall projectile, it contains 2% PAVA 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 60 feet and an area of

saturation of 150+ feet.

- iv. PepperBall LIVE-X PAVA (OC) - Cost: \$3 per projectile; quantity: 5000 projectiles. LIVE-X contains a concentrated amount of PAVA pepper powder. One round of LIVE-X™ contains the equivalent to 10 LIVE PepperBall rounds. This projectile is best for direct impact or area saturation. Discharged from a PepperBall Launcher, the projectile has a velocity of 280-350 FPS. The projectile has a direct impact of 150 feet and an area of saturation of 390+ feet.

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
- vi. Tactical situations involving the deployment of the Department's SWAT Team.

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. PepperBall FTC Launcher: 20 years
- ii. All PepperBall projectiles have a lifespan of 3 years.

f. Fiscal Impact

Annual maintenance cost is approximately \$50 for each launcher.

g. Legal and Procedural Rules

The Department shall only utilize PepperBall launchers for official law enforcement purposes, pursuant to State and Federal law.