



# MILITARY EQUIPMENT USE ANNUAL REPORT 2023

## Woodland Police Department

---

Deputy Chief Anthony Cucchi

Email: [Anthony.Cucchi@cityofwoodland.org](mailto:Anthony.Cucchi@cityofwoodland.org)

# TABLE OF CONTENTS

MILITARY EQUIPMENT USE _____	3
COMPLAINTS _____	5
EQUIPEMENT SUMMARY _____	6
NEW REQUESTS _____	19

# MILITARY EQUIPMENT USE

## SWAT Team Deployments

<u>DATE</u>	<u>REASON</u>	<u>DETAILS</u>
May 4 <sup>th</sup> , 2022	Arrest Warrant	The SWAT Team was requested to serve an arrest warrant and a search warrant in Knights Landing. The case involved a suspect displaying a Glock handgun and a two AR-15 rifles and the suspect was an ex-felon and prohibited from possessing firearms. The WPD ARV (MRAP) and UAS was used for approach and safe service of the arrest warrant and search warrants. The suspect left the residence prior to the S.W.A.T. Teams arrival. Officers contacted the suspect on the phone and he was taken into custody without incident,
May 10 <sup>th</sup> , 2022	Search Warrant	The SWAT Team was requested to serve a narcotics search warrant. One suspect was known to possess multiple firearms. The WPD and WSPD ARV (MRAP) and UAS was used for approach and safe service of the search warrant served. SWAT cleared the residence and turned the scene over to Detectives without incident.
Sept. 28, 2022	Ramey Warrant	The SWAT team was requested by WSPD to serve a Ramey and search warrant in West Sacramento. The suspect was wanted for terrorist threats with a firearm and was believed to be in possession of multiple firearms. The WPD ARV (MRAP) and UAS was used for approach and safe service of the Ramey warrant and search warrant. The suspect then surrendered peacefully. UAS and SWAT members cleared the residence and turned the scene over to Detectives without incident.
Nov. 9 <sup>th</sup> , 2022	Ramey Warrant	The SWAT team was requested by Sacramento Police Department to serve a homicide Ramey and Search warrant. The suspect was believed to still be armed. The WPD ARV (MRAP) and UAS was used for approach and safe service of the Ramey warrant and search warrant. The suspect surrendered peacefully and was taken into custody without incident.

Dec 20<sup>th</sup>, 2022 Ramey Warrant The SWAT team was requested by Yolo County Sheriff Detectives to serve a Search warrant and Ramey and search warrant in Esparto Ca. The suspect was wanted for sexual assault crimes against his children and known to have firearms in the past. The WPD ARV (MRAP) and UAS (overhead) was used for approach and safe service of the Ramey warrant and search warrant. Officers made a phone call into the suspect's cell phone and the suspect and his wife surrendered peacefully.

## UAV Use

### Woodland Police Department sUAS Team Deployments for 2022

DATE	INCIDENT/CASE #	REQUESTING AGENCY / UNIT	TYPE OF DEPLOYMENT	MISSIONS / FLIGHTS	PART 107	BCOA	JCOA	TVBLOS	LOCATION / AREA	SUMMARY OF DEPLOYMENT / MISSION
May	N/A	WPD	Individual Training	32	32	0	0	0	1000 Lincoln Ave, Woodland, CA	Individual Pilot Training
Jun	N/A	WPD	Individual Training	31	31	0	0	0	1000 Lincoln Ave, Woodland, CA	Individual Pilot Training
Jul	N/A	WPD	Individual Training	26	26	0	0	0	1000 Lincoln Ave, Woodland, CA	Individual Pilot Training
8/4/2022	WDP22-003887	WPD	In Progress Crime	3	3	0	0	0	Del Oro St, Woodland, CA	Assist Patrol with Overwatch on Shots Fired Call
Sep	N/A	WPD	Individual Training	4	4	0	0	0	1000 Lincoln Ave, Woodland, CA	Individual Pilot Training
9/4/2022	N/A	WPD	Public Event	8	8	0	0	0	Main St, Woodland	Overwatch for C-10 Truck Show
9/27/2022	N/A	WPD SWAT	Training	18	18	0	0	0	Bluegrass Pl, Woodland	UAS Orientation Training with WPD/YSO SWAT
Oct	N/A	WPD	Individual Training	14	14	0	0	0	1000 Lincoln Ave, Woodland, CA	Individual Pilot Training
10/25/2022	22142757	WPD	Burglary Alarm	1	1	0	0	0	E Beamer St, Woodland	Rooftop Check of Industrial Building
10/29/2022	WDP22-005407	WPD	In Progress Crime	2	2	0	0	0	Elm St, Woodland	Rooftop Checks for Discarded Firearm (Businesses)
Nov	N/A	WPD	Individual Training	3	3	0	0	0	1000 Lincoln Ave, Woodland, CA	Individual Pilot Training
TOTALS				142	142	0	0	0		

# COMPLAINTS

No complaints received or violations of the Military Equipment Policy.

# EQUIPEMENT SUMMARY

An annual internal audit and inventory was conducted of all military equipment.

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 of current UAS:
    - i. DJI MAVIC MINI 2, cost: \$500 each, quantity: 3. Miniature UAS that weighs less than 249 grams and is able to record video with approximately 30 minutes of flight time.
    - ii. DJI MAVIC 2 ENTERPRISE ADVANCED, cost: \$6,500 each, quantity: 1. UAS that has a color and infrared camera as well as audible speaker and light. Capable of video recording and weighs less than 6,000 grams with approximately 30 minutes of flight time.
  - 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:
    - a. major collision investigations.
      - i. search for missing persons.
      - ii. natural disaster management.
      - iii. crime scene photography.
      - iv. SWAT, tactical or other public safety and life preservation missions.
      - v. In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
  - a. Authorized Use  
Only assigned operators who have completed the required training shall be permitted to operate the UAS during approved missions.
  - b. Expected Life Span  
All UAS equipment, 3-5 years.
  - c. Fiscal Impact  
Annual maintenance and battery replacement cost is approximately \$1,500.
  - d. Training  
All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend a 16-hour department training and ongoing quarterly training.
  - e. Legal and Procedural Rules  
Use is established under FAA Regulation 14 CFR Part 107 and the Woodland Police Department UAS policy 444. It is the policy of the Woodland Police Department to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
2. **Robots:** Unmanned machine operating on the ground utilized to enhance the safety to the community and officers.
  - a. Description, quantity, capabilities, and purchase cost
    - i. REMOTEC ANDROS F6-A, cost: \$250,000 each, quantity: 2. The Remotec ANDROS F6A is a heavy-duty robot. Its stair climbing ability, an arm capable of lifting 65lbs. The F6A also offers multiple communications options, a chassis and manipulator that allow for accessories and tool combinations, and quick-release pneumatic wheels for rapid width reduction.

- b. Purpose  
To be used to remotely gain visual/audio data, deliver HNT phone, open doors, disrupt packages, and clear buildings.
  - c. Authorized Use  
Only assigned operators who have completed the required training shall be permitted to operate the robots identified at sections 2(a)(i) through (ii). Use is established by the Bomb Squad Commander and or Incident Commander.
  - d. Expected Life Span  
All robots, 8-10 years.
  - e. Fiscal Impact  
Annual maintenance and battery replacement cost is approximately \$5,000.
  - f. Training  
All robot operators must complete the FBI's 6-week hazardous device school prior to operating the robots identified at sections 2(a)(i) through (ii).
  - g. Legal and Procedural Rules  
It is the policy of the SPD to utilize a robot only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
3. **Mine-Resistant Ambush-Protected (MRAP) vehicle:** Commercially produced wheeled armored personnel vehicle utilized for law enforcement purposes.
- a. Description, quantity, capabilities, and purchase cost
    - i. Lenco BEARCAT, G2, cost: \$315,518.65, quantity: 1. The Lenco Bearcat, G2, is an armored vehicle that seats 10-12 personnel with open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of shield and personal body armor.
  - b. Purpose  
To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.
  - c. Authorized Use  
The use of armored vehicles shall only be authorized by a watch commander or SWAT commander, based on the specific circumstances of a given critical incident. Armored vehicles shall be used only by officers trained in their deployment and in a manner consistent with Department policy and training.
  - d. Lifespan  
Lenco Bearcat models G2 and G3, 25 years.
  - e. Fiscal Impact  
Annual maintenance cost of approximately \$10,000.
  - f. Training  
All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.
  - g. Legal and Procedural Rules  
Use is established under General Order 580.18. It is the policy of the Department to utilize armored vehicles only for official law enforcement purposes, and pursuant to State and Federal law.
4. **Command and Control Vehicle:** A mobile office that provides shelter, access to Police Department computer systems, and restroom facilities on extended events.
- a. Description, quantity, capabilities, and purchase cost
    - i. Ford F150 Police Responder, quantity: 1, approximate up-fitted cost-\$70,000. This vehicle can also be utilized for SWAT/CNT and other critical incidents,

- preplanned large events, searching for missing persons, natural disasters, and community events.
  - ii. Chevrolet Tahoe Police Vehicle, quantity: 1, approximate up-fitted cost-\$80,000. This vehicle 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  
These vehicles are assigned to the Tactical Commander and Shift Sergeants but may be used by any licensed, authorized personnel during a SWAT/CNT incident, other critical incidents, preplanned large events, searching for missing persons, natural disasters, and community events.
  - d. Lifespan  
The Ford F150 Police Responder is on a 10-year replacement plan unless circumstances require earlier replacement (damage, excessive maintenance, excess mileage). The Chevrolet Tahoe is on a 5-year replacement plan.
  - e. Fiscal Impact  
Annual maintenance costs: Ford F150: \$3,500, Chevrolet Tahoe: \$4,000.
  - f. Training  
The driver/operator shall receive training in the safe handling of the vehicle or comparable vehicle on a closed training course. Once the operator has shown competence in vehicle handling, they are authorized to use these vehicles as needed.
  - g. Legal and Procedural Rules  
It is the policy of the Department to use these vehicles only for official law enforcement purposes, and in accordance with California State law regarding the operation of motor vehicles.
5. **Crisis Negotiation Team (CNT) Vehicle:** A vehicle used as a mobile office that provides shelter, access to the Police Department computer systems, and restroom facilities on extended events.
- a. Description, quantity, capabilities, and purchase cost  
Freightliner Chassis (custom built) vehicle, cost: \$293,707, 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 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  
The CNT vehicle has a 30-year lifespan on a chassis and vehicle.
  - e. Fiscal Impact  
Annual maintenance, \$600.
  - f. Training  
Once completing a closed training course, the operator will drive the vehicle throughout the city with an experienced driver.
  - g. Legal Procedural Rules  
Use shall be in accordance with California State law regarding the operation of motor vehicles.

6. **40 MM Launchers and Rounds:** 40MM Launchers are utilized by department personnel as a less lethal tool to launch impact rounds.
- a. Description, quantity, capabilities, and purchase cost
    - i. DEFENSE TECHNOLOGY, 40MM SINGLE SHOT LAUNCHER, #1425, cost: \$1000,
    - ii. quantity: 100. The 40MM Single Launcher is a tactical single shot launcher that features an expandable ROGERS Super Stoc and an adjustable Integrated Front Grip (IFG) with light 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 and is only authorized to be used by SWAT personnel.
    - iii. DEFENSE TECHNOLOGY, 40MM TACTICAL 4-SHOT LAUNCHER, #1440, cost: \$1975, quantity: 2. The 40mm Tactical 4-Shot Launcher is low-profile and lightweight, providing multi-shot capability in an easy to carry launcher. It features the Rogers Super Stoc™ expandable gun stock, an adjustable Picatinny mounted front grip, and a unique direct-drive system to advance the magazine cylinder. It will launch a 40MM less lethal round up to 131 feet and is only authorized to be used by SWAT personnel.
    - iv. DEFENSE TECHNOLOGY, 40MM EXACT IMPACT SPONGE, #6325, cost: \$18, quantity: 96. A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm grenade launcher with a rifled barrel at 325 FPS. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact. The 40mm Exact Impact Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.
    - v. DEFENSE TECHNOLOGY, 40MM DIRECT IMPACT OC, #6320, cost: \$30, quantity: 96. A less lethal 40MM lightweight plastic and crushable foam projectile fired from a single or multi-round purpose-built 40mm grenade launcher with a rifled barrel at 295 FPS. The 39-gram crushable foam projectile delivers 120 ft/lbs of energy upon impact in addition to dispersion of 5 grams of OC irritant. The 40mm Direct Impact OC Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 120 feet from the target.
    - vi. DEFENSE TECHNOLOGY, FERRETT 40MM LIQUID BARRICADE PENETRATOR ROUND, #2262, cost: \$23, quantity: 50. 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.
    - vii. DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE, CS, #6182, cost: \$30, quantity: 35. The SPEDE-HEAT CS Long-Range Munitions delivers one chemical canister of CS agent from a 40 mm launcher down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The Spede-Heat family may be used to conceal tactical movement or to route a crowd.
    - viii. DEFENSE TECHNOLOGY, SPEDE-HEAT 40MM LONG-RANGE ROUND, SAF SMOKE, #6183, cost: \$27, quantity: 25. The Spede-Heat Saf-Smoke Long

Range Munitions is designed to deliver one chemical canister of Saf-Smoke™ payload down range up to 150 yards. The Spede-Heat is a pyrotechnic round designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds from a single source. The SpedeHeat 40 mm is designed for outdoor and has a maximum effective range of 150 yards.

- ix. DEFENSE TECHNOLOGY, 40MM ROUND MUZZLE BLAST, with OC, #6040, cost: \$28, quantity: 47. The 40 mm Muzzle Blast OC Round is widely used as a crowd management tool for the immediate and close deployment of chemical agent. It can also be employed in tactical operations such as barricaded subjects for area denial, area contamination, and a means of contaminating crawl spaces and attics. As a pain compliance round it is an excellent device for deploying chemical-laden OC powder at close ranges for indoor or outdoor operations. It has a maximum effective range of 30 feet /9.1 meters.
  - x. DEFENSE TECHNOLOGY, 40MM WARNING/SIGNALING MUNTITION with OC, #60280C, 50 Meter, cost: \$41, quantity: 44. The 40mm Aerial Warning/Signaling Munition, 50 meters, is intended for use in situations where stand-off distance is desired, giving the operator the ability to engage crowds, vehicles, or vessels. Launched from a 40mm platform, the munitions deflagrate at a set distance of 50 meters to deliver 170 dB of sound and 5 million candelas of light, noticeable in day or night conditions. A tactile feature on the nose of the cone indicates the designated distance.
- b. Purpose  
To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
  - c. Authorized Use  
Situations for use of the less lethal weapon systems may include, but are not limited to:
    - i. Self-destructive, dangerous and/or combative individuals.
    - ii. Riot/crowd control and civil unrest incidents.
    - iii. Circumstances where a tactical advantage can be obtained.
    - iv. Potentially vicious animals.
    - v. Training exercises or approved demonstrations.
  - d. Training  
Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in there use by POST certified less lethal and chemical agents instructors.
  - e. Lifespan
    - i. Defense Technology #1425- 25 years.
    - ii. Defense Technology #1440- 15 years.
    - iii. Model 6325 Exact Impact Sponge- 5 years.
    - iv. Model 6320 Direct Impact OC- 5 years.
    - v. Model 2262 Liquid Barricade Penetrator round- 5 years.
    - vi. Model 6182 Defense Technology Spede-Heat 40 MM long-range, CS- 5 years.
    - vii. Model 6183 Spede-Heat 40mm Long-range Round, Saf Smoke- 5 years.
    - viii. Model 6040 40mm Round Muzzle Blast, OC- 5 years.
    - ix. Model 60280C 40 mm warning/signaling munition with OC, 50 meter- 5 years.
  - f. Fiscal Impact  
Annual maintenance is approximately \$50 for each launcher.
  - g. Legal and Procedural Rules  
Use is established under General Order 580.02 and 580.12. It is the policy of the SPD to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

7. **Less Lethal Shotgun:** Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round.
- a. Description, quantity, capabilities, and purchase cost
    - i. REMINGTON 870 LESS LETHAL SHOTGUN, cost: \$946, quantity: 619. The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Super-Sock Beanbag Round up to a distance of 75 feet. The range of the weapon system helps to maintain space between officers and a suspect reducing the immediacy of the threat which is a principle of De-escalation.
    - ii. 12-GAUGE SUPER-SOCK BEANBAG ROUND, cost: \$5, quantity: 2525. 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). CTS Super-Sock rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. This round provides accurate and effective performance when fired from the approved distance of not fewer than five (5) feet. The maximum effective range of this munition is up to 75 feet from the target. The Model 2581 Super-Sock is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to “unfold” or “stabilize.” The Super-Sock is an aerodynamic projectile. However, accuracy is relative to the shotgun, barrel length, environmental conditions, and the operator. The Super-Sock is very accurate. However, effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.
  - b. Purpose  
To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
  - c. Authorized Use  
Situations for use of the less lethal weapon systems may include, but are not limited to:
    - i. Self-destructive, dangerous and/or combative individuals.
    - ii. Riot/crowd control and civil unrest incidents.
    - iii. Circumstances where a tactical advantage can be obtained.
    - iv. Potentially vicious animals.
    - v. Training exercises or approved demonstrations.
  - d. Lifespan
    - i. Remington 870 Less Lethal Shotgun- 25 years.
    - ii. Super Sock Round- No listed expiration date.
    - iii. Defense Technology Muzzle Blast- 5 years.
    - iv. Defense Technology Ferret 12-Gauge Liquid Barricade Round- 5 years.
  - e. Fiscal Impact  
Annual maintenance is approximately \$50 for each shotgun.
  - f. Training  
All officers are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional training internally when they transfer to the unit. SWAT operators who utilize these munitions have been through and successfully completed a POST approved gas school and/or trained in house by POST certified chemical agent instructors for muzzle blast training.
  - g. Legal and Procedural Rules  
Use is established under General Order 580.02 and 580.12. It is the policy of the SPD to utilize the less lethal shotgun only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

8. **Distraction Devices:** A distract device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.
- a. Description, quantity, capabilities, and purchase cost
    - i. COMBINED TACTIACL SYSTEMS, 7290-2 FLASH-BANG, cost: \$52, quantity: 29. 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.
    - ii. COMBINED TACTICAL SYSTEMS, 7290M MINI FLASH-BANG, cost: \$38, quantity: 108. 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 175db output of the 7290 and produces 6-8 million candelas of light.
  - b. Purpose  
To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6 - 8 seconds) physiological/psychological sensory deprivation to give officers a tactical advantage.
  - c. Authorized Use  
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 that is conducted by Post certified instructors.
  - g. Legal and Procedural Rules  
Use is established under General Order 580.16. It is the policy of the SPD to utilize diversion devices only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
9. **Rifles:** Guns that are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.
- a. Description, quantity, capabilities, and purchase cost
    - i. DPMS AR-10 .308 CALIBER RIFLE, MODEL LR-308, cost: \$1500, quantity: 2. The DPMS with 16" Barrel, AR-10, is an entry level AR-10 style rifle. This firearm is chambered in .308 Winchester/7.62 NATO Rifle and has a 16" barrel. The magazine holds 20 rounds of ammunition and the rifle has a collapsible stock. This rifle is primarily used in an overwatch capacity to protect the community during large events. The DPMS AR-10 is no longer being produced.
    - ii. Daniel Defense AR-10 .308 CALIBER RIFLE, DD5 V1 with M-Lok RAIL, cost: \$2707,

- quantity: 2. Highly accurate and durable rifle which include a two-position adjustable gas block that allows for a consistent and steady gas. A perfected DLC-coated bolt carrier group reduces overall recoil impulse and is easy to maintain and operate in all conditions. Built around a Cold Hammer Forged barrel, the DD5 features an innovative 4-Bolt Connection System that dramatically increases the connection surface area between the barrel and upper receiver for increased stability and accuracy traditionally only found in high-end bolt action rifles. This rifle is primarily used in an overwatch capacity to protect the community during large events.
- iii. LWRCI SWAT OPERATOR PACKAGE IC DI 10.5" RIFLE, cost: \$2070, quantity: 20. A rifle that fires an intermediate-power cartridge (.223) which is more powerful than a standard pistol but less powerful than a standard rifle. It is a short-barreled rifle which allows a trained officer better control inside of structures with greater accuracy than a handgun.
  - iv. Colt M16A1 RIFLE, Converted to Semi-Automatic AR-15, received from military at no cost. cost: \$280,000 to convert and outfit rifles for police use, quantity: 8. The M16 rifle, officially designated Rifle, Caliber 5.56MM.
  - v. SPEER GOLD DOT .223 CALIBER 62 GRAIN RIFLE ROUND, cost: \$260 per case of 500, quantity: 400 cases. Remington ammo made by Speer is reloadable, features nickel plated brass cases and Boxer primers and this is a non-corrosive round. The Gold Dot LE ammunition goes through a process of joining the jacket and core one molecule at a time, thanks to this Speer eradicates the potential for the leading cause of bullet failure (jacket/core separation). This process will guarantee extraordinary weight retention through barriers as strong as auto-glass. In addition to its remarkable strength, Gold Dot rifle ammunition asserts remarkable accuracy. With exact tolerances and unparalleled bullet uniformity of jacket thickness.
  - vi. FEDERAL 9MM LUGER AUTO 147 Grain FULL METAL JACKET FLAT POINT PRACTICE AMMUNITION, cost: \$6,300, quantity: 15,000 rounds. This Federal American Eagle 9mm Luger ammunition is loaded with a 147 grain Full Metal Jacket bullet. The Full Metal Jacket bullet is for range practice and reducing fouling in the barrel. The jacket extends from the nose to the base, preventing bullet expansion and barrel leading. This ammunition is new production, non-corrosive, ammo, featuring brass cases, boxer primed and is reloadable.
  - vii. FEDERAL 9MM LUGER GRAIN HST DUTY AMMUNITION, cost: \$9600, quantity: 8000 rounds. This 9mm ammo load features nickel plated brass casings and noncorrosive primers. A specially designed hollow-point tip won't plug while passing through a variety of barriers and this bullet holds its jacket in the toughest conditions HST is engineered to provide 100% weight retention through most barriers
  - viii. FEDERAL .223 55GR RIFLE ROUND, cost: \$170 per case of 500, quantity: 1000 cases. Federal 223 Remington ammo features a lead core 55 Grain Full Metal Jacket bullet that is nonmagnetic, non-corrosive boxer primer and new virgin brass casing that can be reloaded up to seven times for those high volume 223 ammo shooters that love to reload their 223 Remington ammunition. The Federal American Eagle 223BL ammo offers muzzle velocity of 3240 feet per second and muzzle energy of 1282 ft lbs.
  - ix. FEDERAL GOLD MEDAL .308 168GR RIFLE ROUND, cost: \$398 per case of 500, quantity: 40 cases. The Federal Gold Medal .308 Winchester ammunition is new production ammo that features a 168 Grain Sierra MatchKing Hollow Point Boat Tail bullet, a non- corrosive boxer primer and the .308 Winchester ammunition is brand new never fired virgin brass casing that can be reloaded

up to seven times for those shooters that reload their .308 Winchester ammunition. Sierra MatchKing Boat-tail bullet with Federal's proprietary delivery system. Federal's Gold Medal .308 Winchester ammo offers a muzzle speed of 2650 feet per second and a muzzle energy of 2619 foot pounds.

b. Purpose

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

c. Authorized Use

Only members that are POST certified are authorized to use a rifle.

d. Lifespan

DPMS AR-10 .308 rifle- 15 years.

Daniel Defense AR-10 .308 rifle- 15 years.

LWRCI SWAT operator package IC DI 10.5" rifle- 5 years.

Colt M16A1 rifle converted to semi-automatic AR-15- no expiration.

Federal American Eagle 9mm Luger 147 Grain FMJ- no expiration.

Federal HST Law Enforcement 9mm Luger Ammo 147 grain JHP- no expiration.

e. Fiscal Impact

Annual maintenance 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. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.

g. Legal and Procedural Rules

Use is established under General Order 580.02. It is the policy of the SPD to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

10. **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, TRIPLE-CHASER SEPARATING CANISTER, CS, #1026, cost: \$47, quantity: 50. The Triple-Chaser CS consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This canister can be hand thrown or launched from a fired delivery system. The canister is 6.5 in. by 2.7 in. and holds an approximately 3.2 oz. of active agent payload. It has an approximate burn time of 20-30 seconds.
- ii. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE GRENADE, CS, #1082, cost: \$27, quantity: 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. This grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.
- iii. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS GRENADE, #1032, cost \$45, quantity: 20. The design of the Tri-Chamber Flameless CS Grenade allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The grenade is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This grenade will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade can be used in crowd control

- as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure. The Tri-Chamber Flameless Grenade is NOT to be launched utilizing a launching cup.
- iv. DEFENSE TECHNOLOGY, FLAMELESS EXPULSION CS GRENADE, #2042, cost: \$48, quantity: 28. The CS Flameless Expulsion Grenade is a compact, nonpyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It is safe to use inside of a residence. Unlike pyrotechnical grenades, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1500 square feet. This grenade is 7.5 in. by 1.65 in. and delivers approximately .16 oz. of active agent during its 3-second discharge time.
  - v. DEFENSE TECHNOLOGY, FLAMELESS EXPULSION OC GRENADE, #2040, cost: \$49, quantity: 18. The OC Flameless Expulsion Grenade is a compact, nonpyrotechnic, chemical agent device that provides safe expulsion without risk of fire. It is safe to use inside of a residence. Unlike pyrotechnical grenades, this device's contents are expelled upon actuation of a CO2 cartridge that will affect a confined area of approximately 1500 square feet. This grenade is 7.5 in. by 1.65 in. and delivers approximately .02 oz. of active agent during its 3-second discharge time.
  - vi. DEFENSE TECHNOLOGY, MAXIMUM HC SMOKE MILITARY-STYLE CANISTER, #1083, cost: \$38, quantity: 119. The Military-Style Maximum Smoke Grenade comes from the Defense Technology #3 smoke grenade. It is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes.
  - vii. DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER SAF-SMOKE GRENADE, #1033, cost: \$43, quantity: 100. 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 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Grenade can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Grenade is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure.
  - viii. DEFENSE TECHNOLOGY, POCKET TACTICAL BLUE SMOKE GRENADE, #1017B, cost: \$39, quantity: 11. The Pocket Tactical Blue Smoke Grenade is a small, lightweight device. Though it is slightly over four inches in length, it produces a blue smoke cloud so fast it appears to be an enveloping screen

produced by a full size tactical colored smoke grenade. It will burn approximately 20-40 seconds.

- ix. DEFENSE TECHNOLOGY, RIOT CONTROL CONTINUOUS DISCHARGE OC GRENADE, #1080, cost \$41, quantity: 82- The Riot Control OC Grenade is designed specifically for outdoor use in crowd control situations with a high volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 0.88 oz. of active agent.
- x. DEFENSE TECHNOLOGY, OC TRIPLE-CHASER SEPARATING CANISTER, #1020, cost: \$61, quantity: 26. The OC Triple-Chaser Pyrotechnic Grenade is one of our first-ever pyrotechnic grenades that combines the effectiveness of Oleoresin Capsicum (OC) as an irritant and inflammatory agent with the flexible delivery methods, range and area coverage of pyrotechnic munitions for crowd control. The Triple-Chaser OC consists of three separate canisters pressed together. This grenade can be hand thrown or launched from a delivery system. The grenade is 6.5 in. by 2.7 in. and holds approximately 1.06 oz. of active agent payload. It has an approximate burn time of 20-30 seconds.
- xi. DEFENSE TECHNOLOGY, OC VAPOR AEROSOL GRENADE, #1056, cost: \$49, quantity: 16. 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.
- xii. DEFENSE TECHNOLOGY, HAN-BALL OC GRENADE, #1099, cost: \$49, quantity:28. The Han-Ball OC Grenade expels its payload in approximately 10-25 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 grenade holds approximately 0.29 oz. of active agent. The Han-Ball OC Grenade is a fast burning, high volume continuous discharge grenade.
- xiii. DEFENSE TECHNOLOGY, OC AEROSOL GRENADE 1.3% FOGGER, 6 OUNCE, #56854, cost: \$22, quantity: 28. The 6 oz. 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 clean up. The canister may also be handheld to direct the spray pattern. This product is designed to provide room clearing ability with minimum clear up requirements.
- xiv. DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 STREAM OC AEROSOL, #56895, cost: \$55, quantity: 5. The MK-9 features an easy to use trigger handle, is intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.
- xv. DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-9 FOGGER OC AEROSOL, #43953, cost: \$57, quantity: 28. The MK-9 features an easy to use trigger handle, is intended for use in crowd management and will deliver 14

short bursts of OC at an effective range of 18-20 ft. This 1.3% MC OC aerosol product utilizes a cone or fogger delivery method providing a wide spray pattern for easier target acquisition.

- xvi. DEFENSE TECHNOLOGY, FIRST DEFENSE 1.3% MK-46V STREAM OC AEROSOL #43046, cost: \$495, quantity: 10. The MK-46 features a trigger handle, is intended for use in crowd management and will deliver 26 short bursts of OC at an effective range of 25-30 ft. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.

b. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for use of the less lethal weapon systems may include, but are not limited to:

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

c. Authorized Use

Only 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 agents instructors.

e. Lifespan

5 years from manufacturing date.

f. Fiscal Impact

No annual maintenance.

g. Legal and Procedural Rules

Use is established under the SPD Chemical Agent Manual 580.07. It is the policy of the SPD to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

**11. Explosive Breaching Tools:** Tools that are used to conduct an explosive breach.

a. Description, quantity, capabilities, and purchase cost

- i. ROYAL REMINGTON 870 EXPRESS BREACHING SHOTGUN, cost: \$500, quantity: 5. 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).
- ii. ROYAL ARMS TESAR-2 BACK CAP 425 GRAIN COPPER FRANGIBLE BREACHING ROUND, cost: \$5 per round, quantity: 201. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks and hinges.
- iii. ROYAL ARMS TESAR-3 GREEN CAP 375 GRAIN CLAYVON FRANGIBLE BREACHING ROUND, cost: \$5 per round, quantity: 11. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks and hinges.
- iv. ROYAL ARMS TESAR-4 YELLOW CAP 750 GRAIN COPPER FRANGIBLE BREACHING ROUND, cost: \$5 per round, quantity: 12. The round is fired from a breaching shotgun and is used to destroy deadbolts, locks, and hinges.

- v. ROYAL ARMS HP CUTTER 12 GAUGE HOLLOW POINT REBAR CUTTER BREACHING ROUND, cost: \$6 per round, quantity: 24. The round is fired from a breaching shotgun and is used to cut rebar, penetrate security glass, car doors, and can penetrate engine blocks.
  - vi. ROYAL ARMS FB-82H 12-GAUGE 82 GRAIN FLASH BANG HARD BREACHING ROUND, cost: \$5 per round, quantity: 71. The rounds are fired from a breaching shotgun and is used as a diversionary round and can be used to break glass.
  - vii. ROYAL ARMS MB-70S 12 GAUGE MUZZLE BLAST FLASH BANG SOFT BREACHING ROUND, cost: \$6 per round, quantity: 29. The round is fired from a breaching shotgun and is used as a diversionary round and can be used to break glass.
- b. Purpose  
To safely gain entry into a 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  
Royal Arms Tesar-2 black cap 425 grain copper breaching round- 5 years  
Royal Arms Tesar-3 green cap 375 grain clayvon frangible breaching round- 5 years  
Royal Arms Tesar-4 yellow cap 750 grain copper frangible breaching round- 5 years  
Royal Arms HP cutter 12-gauge hollow point rebar cutter breaching round- 5 years  
Royal Arms FB-82H 12-gauge 82 grain flash bang hard core breaching round- 5 years  
Royal Arms MB-70S 12-gauge muzzle blast flash bang soft breaching round- 5 years
  - e. Fiscal Impact  
Annual maintenance is approximately \$500.
  - f. Training  
All officers who use explosive breaching tools shall attend 40 hours of explosive breaching instruction and must additionally receive quarterly training for explosive operations.
  - g. Legal and Procedural Rules  
It is the policy of the SPD to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.

# NEW REQUESTS

None