

Military Equipment

705.1 PURPOSE AND SCOPE

The purpose of this policy is to provide guidelines for the approval, acquisition, use and reporting requirements for "military equipment" as defined in Government Code 7070-7075, "Funding, Acquisition, and Use of Military Equipment".

705.1.1 DEFINITIONS

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

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

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

- Unmanned, remotely piloted, powered aerial or ground vehicles.
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers.
- High mobility multipurpose wheeled vehicles (HMMWV), two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached.
- Tracked armored vehicles that provide ballistic protection to their occupants.
- Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units.
- Weaponized aircraft, vessels, or vehicles of any kind.
- Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram.
- Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition.
- Specialized firearms and ammunition of less than .50 caliber, including firearms and accessories identified as assault weapons in Penal Code § 30510 and Penal Code § 30515, with the exception of standard-issue firearms.
- Any firearm or firearm accessory that is designed to launch explosive projectiles.
- Noise-flash diversionary devices and explosive breaching tools.
- Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray.
- TASER® Shockwave, microwave weapons, water cannons, and long-range acoustic devices (LRADs).
- Kinetic energy weapons and munitions.
- Any other equipment as determined by a governing body or a state agency to require additional oversight.

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705.2 POLICY

The Napa Police Department and its employees will comply with the provisions of Government Code sections 7070-7075 with respect to military equipment. The Department will ensure legally enforceable safeguards for its use of military equipment, including transparency, oversight, and accountability measures to protect the public's welfare, safety, civil rights and civil liberties before military equipment is funded, acquired, and when it is used in the field.

705.2.1 MILITARY EQUIPMENT USE COMPLAINTS

Any complaints regarding department military equipment will be handled in accordance with the Personnel Complaint policy and procedures.

705.3 MILITARY EQUIPMENT COORDINATOR

The Chief of Police should designate a member of this department to 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 Napa 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 website (Government Code § 7072).
- (g) Establishing the procedure for a person to register a complaint or concern, or how that person may submit a question about the use of a type of military equipment, and how the Department will respond in a timely manner.

705.4 MILITARY EQUIPMENT INVENTORY

Attached hereto as Appendix A is a list of qualifying equipment currently owned by the Department together with description, purpose and use, cost and quantity allocation, training requirements and compliance protocols for each category of equipment.

A current inventory of the Military Equipment is listed on the department's website;

[Policies & Transparency Napa, CA \(cityofnapa.org\)](https://www.cityofnapa.org/Policies-and-Transparency)

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[See attachment: 2022 Military Equipment Inventory v2.pdf](#)

705.5 APPROVAL AND ANNUAL REVIEW BY COUNCIL

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 jurisdiction of this department.
- (e) Using any new or existing military equipment for a purpose, in a manner, or by a person not previously approved by the governing body.
- (f) Soliciting or responding to a proposal for, or entering into an agreement with, any other person or entity to seek funds for, apply to receive, acquire, use, or collaborate in the use of military equipment.
- (g) Acquiring military equipment through any means not provided above.

The Chief or designee shall ensure that this policy and the adopting ordinance is brought before City Council annually for review and renewal as required by Government Code Sec. 7071(e).

705.6 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 their department policy.

705.7 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 City Council for each type of military equipment approved for use: (Government Code § 7072). The report should include:

- (a) A summary of the purpose of the equipment and how it was used;

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- (b) A summary of any complaints or concerns received concerning the equipment
- (c) The results of any internal audits and any information about violations of this policy;
- (d) The quantity and total annual cost associated with each type of military equipment;
- (e) Whether acquisition of any additional military equipment is proposed

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 department inventory.

705.8 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.

Military Equipment List

ITEM 1: Lenco Bearcat G2 Armored Vehicle	2019
ITEM 2: Transcend Robotics Vantage Robot	2023
ITEM 2A: Robotex Avatar Tactical Robot (AKA- Avatar)	2012
ITEM 3: 40 MM Launcher Single Shot Capability	2007
ITEM 3 (A): Exact/Direct Impact 40mm Sponge Munitions	2020
ITEM 3 (B): Ferret Round-40MM	2020
ITEM 3 (C): 40 MM Tactical 4-Shot Launcher	2023
ITEM 4: Chemical Agents and Smoke Canisters	2020
ITEM 5: Ballistic Breaching Shotgun	2017
ITEM 5 (A): Ballistic Breaching Round (Frangible slugs)	2017
ITEM 6: 12-Gauge Launching Cartridge Combined Systems (CTS)	
2600 launching Cartridge	2020
ITEM 7: Armor Piercing (AP) projectiles	2018
ITEM 8: 12 Gauge Drag Stabilized Munition	2020
ITEM 9: Noise/Flash Diversionary Device¹ (NFDD AKA – Flashbangs)	
ITEM 10: Infrared laser (IR) designator (various configurations)	2018
ITEM 11: Short-barreled select fire rifle (various configurations)	2006
ITEM 12: Firearms Suppressors (various calibers, lengths, styles)	2003, 2011
ITEM 13: PepperBall Launcher	2003
ITEM 14: SAGE- 37mm Launcher and Munitions	2003
ITEM 15: Reflex Sight	2018
ITEM 16: Autel small Unmanned Aerial System (sUAS)	2023

¹ The Napa Police Department SWAT Team has been using noise flash diversionary devices since the early 1990s, but the exact year or date is unknown.

ITEM 1:

Lenco Bearcat G2 Armored Vehicle

Description:

The Lenco Bearcat G2 is an armored vehicle capable of handling urban, off-road, and rural missions. It seats 10-12 fully equipped officers in an open floor plan that allows for rescue of injured citizens and officers. The vehicle can stop various projectiles, which provides greater safety to citizens and officers beyond the protection level of handheld shields and personal body armor.

Purpose & Use:

The armored vehicle system is a rugged off-road platform to provide enhanced off-road performance which allows for emergency response in rural regions and during natural disasters such as wildfires. This vehicle is used for a variety of missions where standard armored SWAT vehicles would experience challenges. This equipment is used when there is an individual that is known, or believed to be armed with a firearm. A supervisor shall be advised of its use and will maintain incident command during the incident.

Quantity Allocation:

One (1)

Fiscal Impacts:

Unit cost of the Bearcat is \$300,000. Annual maintenance costs are dependent on mileage, fuel, and preventative maintenance. In 2022, annual maintenance costs are estimated at \$3,000 per year. Annual maintenance cost adjustments will be based on current fuel and repair costs rates. The estimated lifespan of this vehicle is 20-25 years. Napa PD acquired this vehicle in 2019.

Training Requirements:

Annually, Napa PD Officers who work in first responder roles, have been provided in-person, hands-on training on the vehicle and its capabilities.

Every driver must possess a valid driver's license, show competency when operating the Lenco Bearcat G2, and be up to date on the POST mandated Emergency Vehicle Operator Course (EVOC).

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the Lenco Bearcat shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to the Vehicle Operations and Parking Procedures, Vehicle Use and Use of Force policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 2:**Transcend Robotics Vantage Robot****Description:**

A remote controlled, unmanned machine that operates on the ground, which is utilized to enhance the safety of the community and officers. The Vantage Robot would enhance the capabilities of SWAT and other tactical response teams to inspect a dangerous situation through video and audio capability by an officer in a safe location.

Purpose & Use:

This equipment allows the ability to inspect dangerous or hazardous environments through video and audio footage to resolve an incident safely. The video and audio footage obtained by the equipment would be live-streamed only, and not recorded or retained. The robot would be kept and maintained by SWAT. This equipment would be deployed by members of SWAT under the Crisis Response Unit (CRU) deployment procedures.

Quantity Allocation:**Fiscal Impacts:**

One (1)

Initial Cost for Vantage Robot: \$ 17,500
Software Upgrade Cost (every 2 years): ~\$3,000
Ongoing Maintenance Cost: Staff time

Training Requirements:

Only properly trained NPD SWAT members are authorized to use the Vantage Robot.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the Vantage Robot shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Control Devices Techniques policies. The City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database in accordance with Penal Code §13652.1.

ITEM 2A:**Robotex Avatar Tactical Robot (AKA- Avatar)****Description:**

A remotely-controlled unmanned machine that operates on the ground is utilized to enhance the safety of the community and officers. The Avatar enhances the capabilities of SWAT and other tactical response teams to inspect a dangerous situation through video and audio capability (including push-to-talk/two-way audio capability) by an officer who is in a safe location.

Purpose & Use:

This equipment allows the ability to inspect dangerous or hazardous environments through video and audio feed to safely resolve an incident. This equipment is deployed by members of NPD SWAT under the Crisis Response Unit (CRU) deployment procedures.

**Quantity
Allocation:**

One (1)

Fiscal Impacts:

Robotex Avatar Tactical Robot cost depends on use and parts replacement requirements. Software update was \$5000. Estimated effective lifespan is 10 years. Acquired in 2009. Software upgrade in 2017.

Training Requirements:

Only properly trained NPD SWAT members are authorized to use the Avatar.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the Avatar as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies including Critical Incident Response and Management and California Penal Code Section §631. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 3:**40 MM Launcher Single Shot Capability****Description:**

The Defense Technology 40MM single launcher is a tactical single-shot launcher that will fire standard 40MM less lethal ammunition up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round and 40MM "ferret" (penetrate wood, glass, sheetrock) rounds.

Purpose & Use:

The 40 MM launcher is used by SWAT personnel as a less lethal tool to launch chemical agent munitions into a structure or at a person from distance. The use of this tool limits the escalation of conflict where employment of lethal force is prohibited or undesirable. Situation for use of the less lethal weapon systems may include, but are not limited to:

- a) Self-destructive, dangerous and/or combative individuals
- b) Riot/crowd control and civil unrest incidents
- c) Circumstances where a tactical advantage can be obtained
- d) Potentially vicious animals
- e) Training exercises or approved demonstrations

Quantity Allocation:**Fiscal Impacts:**

One (1)

20-year shelf life at a cost of \$1000, Annual Maintenance Cost \$20

Training Requirements:

SWAT team members utilizing 40MM less lethal chemical agents, or impact rounds and launcher are trained in their use by POST certified less lethal and chemical agents instructors (AB 48).

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the 40 mm launcher shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Control Devices Techniques policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database in accordance with Penal Code §13652.1.

ITEM 3 (A):**Exact/Direct Impact 40mm Sponge Munitions****Description:**

The CTS 40mm sponge munition is a lightweight, high-speed projectile consisting of a plastic body and sponge nose. The round utilizes smokeless powder as the propellant, and therefore, have velocities that are extremely consistent. This Munition is deployed through a 40 MM launcher.

Purpose & Use:

This equipment is used by trained NPD SWAT members to incapacitate a violent, non-compliant subject at a greater distance in non-lethal situations to safely resolve an incident.

Quantity Allocation:**Fiscal Impacts:**

Ninety-Six (96)

(1) 40MM CTS 4557 Sponge Round, 5-year shelf life, \$23.43 each: \$2249.28

Ninety- Six (96)

(2) 40MM CTS 4557HV Sponge Round, 5-year shelf life, \$25.24 each: \$2423.04

Training Requirements:

SWAT team members utilizing 40MM less lethal chemical agents, or impact rounds and launcher are trained in their use by POST certified less lethal and chemical agents instructors (AB 48).

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of these munitions shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Control Devices Techniques policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database and subject to California Penal Code Section §13652.1.

ITEM 3B:**Ferret Round-40MM****Description:**

The Defense Technology Ferret 40MM CS Liquid Barricade Penetrating Projectile round is a projectile filled with chemical agent. It is designed to deliver chemical agents in barricade situations from a 40MM launcher. The round holds 8 grams of liquid CS (Chlorobenzylidene malononitrile) agent. Spin stabilization from barrel rifling affords maximum stand-off distance and accuracy for safety.

Purpose & Use:

This is used in cases where armed or dangerous suspects are barricading themselves inside a structure and refuse to surrender. Its purpose is to minimize the risks to all parties through temporary discomfort and/or incapacitation of potentially violent or dangerous subjects to safely resolve an incident.

Quantity Allocation:

One Hundred
Ninety-Two
(192)

Fiscal Impacts:

Defense Technology Ferret 40MM CS Liquid Barricade Penetrating Projectile 5-year shelf life, \$28.97 each: \$5562.24

Training Requirements:

Officers must successfully complete department approved training to be authorized to use the Ferret 40MM round. Only SWAT officers are trained in their use by POST certified less lethal and chemical agents instructor (AB 48)

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of these munitions shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Control Devices Techniques policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 3C:**40mm Tactical 4-Shot Launcher****Description:**

The Defense Technology 40MM Tactical 4-Shot Launcher is a multi-shot launcher that will fire standard 40MM less lethal ammunition up to 4.8 inches in cartridge length.

Purpose & Use:

The 40 MM launcher is used by SWAT personnel as a less lethal tool to launch chemical agent munitions into a structure or impact munitions at a person from a safe distance, in accordance with current de-escalation practices. This tool limits the escalation of conflict where the employment of lethal force is prohibited or undesirable. Situations for using this less lethal weapon systems may include, but are not limited to:

- a) Self-destructive, dangerous and/or combative individuals
- b) Riot/crowd control and civil unrest incidents
- c) Circumstances where a tactical advantage can be obtained
- d) Potentially vicious animals
- e) Training exercises or approved demonstrations

Quantity Allocation:

One (1)

Fiscal Impacts:

Initial cost - \$2894.11
Ongoing maintenance cost – approx. \$50 annually

Training Requirements:

SWAT team members utilizing 40MM less lethal chemical agents, or impact rounds and launcher, are trained by POST-certified less lethal and chemical agents instructors (AB 48).

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the 40 mm launcher shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Control Devices Techniques policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database in accordance with Penal Code §13652.1.

ITEM 4:

Chemical Agents and Smoke Canisters

Description:

These canisters contain chemical agents that are released when deployed. The chemical agents handheld canister devices utilize a M201A1 Fuze with enclosed canister that come in a variety of sizes, configurations and irritant payloads. The CS (Chlorobenzylidene malononitrile) configuration is a pelletized chemical agent and is discharged through a gas port from the canister.

Purpose & Use:

This is used in cases where armed suspects are threatening to commit or have committed violent crimes; or are barricading themselves inside a structure and refusing to surrender. Uses may also include smoke used to obscure, or as a marking/locating signal. Having the ability to insert a chemical agent into a structure minimizes the risk to all parties through pain compliance, temporary discomfort, and or incapacitation of violent or potentially violent subjects to safely resolve the incident. Chemical Agents and Smoke may be used in crowd control situations.

Quantity Allocation:

Fiscal Impacts:

Twenty (20)	Defense Technologies Military-Style Maximum Smoke, cost \$32.00, up to 20 a year for training and deployments, 5-year shelf life.
Twenty-Five (25)	Combined Tactical Systems (CTS) 5210 – White Smoke Canister Grenade, cost \$24.67, quantity 25, 5-year shelf life.
Fifteen (15)	Combined Tactical Systems (CTS) 8210 – White Smoke Tactical Canister Grenade, cost \$17.72, quantity 15, 5 year shelf life.
Fifteen (15)	Combined Tactical Systems (CTS) 8230 – CS Smoke Tactical Canister Grenade Outdoor, cost \$18.44, quantity 15, 5 year shelf life.
Twenty (20)	Defense Technologies Spede Heat CS, \$32.00, up to 20 a year for training and deployments, 5-year shelf life.
Twenty (20)	Defense Technologies Flameless Tri-Chamber CS, \$35.00, up to 20 a year for training and deployments, 5-year shelf life.
Ninety-Six (96)	Combined Tactical Systems (CTS) 5230B- CS Baffled Canister Grenade, \$47.22 each, up to 20 a year for training and deployments, 5-year shelf life.
Forty-Eight (48)	Combined Tactical System (CTS) 5230JL- CS Smoke Pyro Jet Lite Canister Grenade Outdoor, \$42.22 each: \$2026.56

Training Requirements:

SWAT officers must successfully complete department approved training to be authorized to use chemical agents handheld canister devices (AB 48).

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of chemical agents and smoke canisters shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force policies. They must also maintain compliance with local, state, and federal storage, transportation, and handling regulations. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database and subject to California Penal Code Section §13652.1.

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ITEM 5:**Ballistic Breaching Shotgun****Description:**

A Royal Arms Manufactured 12-gauge pump action shotgun based on a Remington 870 shotgun. The shotgun has a shortened barrel and muzzle stand-off device that has been modified to best perform ballistic breaching tasks. The breaching shotgun is designed to work in conjunction with specific breaching rounds or slugs.

Purpose & Use:

The equipment is used to rapidly breach or defeat locked or barricaded doors in residential or commercial properties.

Quantity:**Fiscal Impact:**

One (1)

Replacement Cost is \$800, 20-year service life

Training Requirements:

SWAT officers must successfully complete a basic level or high ballistic breaching course and receive regular refresher training. The breaching shotgun shall be handled only by ballistic breaching trained officers or under the direction of a certified supervisor. The firearm shall be handled in accordance with best practices as established by ballistic breaching standards. Officers will comply with department, state and federal use of force requirements.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the ballistic breaching shotgun as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Firearm policies. City of Napa and Napa Police Department policies are available on our respective websites. The firearm shall be handled in accordance with best practices as established by ballistic breaching standards.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 5A:

Ballistic Breaching Round (Frangible slugs)

Description:

The ballistic breaching round is designed to work in correlation with a ballistic breaching shotgun. The ballistic breaching round is encased in a 12-gauge shotgun casing and usually consists of a variety of different materials that allow for versatility of use based on target analysis.

Purpose & Use:

A ballistic breaching cutter round is a shotgun shell specially made to be fired through hardened barriers. The ballistic breaching cutter round shall be handled only by ballistic breaching trained officers or under the direction of their SWAT supervisor.

Quantity Allocation:

Fiscal Impacts:

Twenty-Five (25)	Royal Arms Tesar #1 275 grain frangible copper, (Orange Cap), \$5.00 each, 25 per year for training or deployments, 5-year shelf life,
Twenty-Five (25)	Royal Arms Tesar #2 425 grain frangible copper, (Black Cap), \$5.00 each, 25 per year for training or deployments, 5-year shelf life.
Twenty-Five (25)	Royal Arms HP Cutter 12 Gauge Hollow Point Rebar Cutter (Purple Cap), \$6.00 each, 25 per year for training or deployments, 5-year shelf life.
Twenty-Five (25)	Royal Arms FB-82H 12 Gauge 82 grain Flash Bang Hard (Red Cap), \$5.00 each, 25 per year for training or deployments, 5-year shelf life.
Twenty-Five (25)	Royal Arms FBC Flash Bang Cartridge (Brown Cap), \$4.00 each, 25 per year for training or deployments, 5-year shelf life.

Training Requirements:

SWAT Officers must successfully complete a basic level or higher ballistic breaching course taught by an appropriate training company. Ongoing annual qualification is required.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the ballistic breaching shotgun as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Firearm policies. City of Napa and Napa Police Department policies are available on our respective websites. The firearm shall be handled in accordance with best practices as established by ballistic breaching standards.

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Use of this equipment shall be documented in an incident report and/or applicable database.

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ITEM 6:**12- Gauge Launching Cartridge Combined Systems
(CTS) 2600 launching cartridge****Description:**

The 12-Gauge Launching Cartridge incorporates an opaque shell and utilizes black powder as the propellant.

Purpose & Use:

The launching cup is used to place a launchable chemical agent container into the launching cup to propel it into a structure from distance. The launching cup attached to the barrel of a shotgun. This device is used where armed suspects are threatening to commit or have committed violent crimes; or are barricading themselves inside a structure and refusing to surrender. This equipment provides officers the ability to deploy a chemical agent from a distance to safely resolve an incident and used with items authorized in this policy.

**Quantity
Allocation:****Fiscal Impacts:**

Fourteen (14)

Launching Cartridge, \$4.57 per round, quantity 20, 5-year shelf life.

Two (2)

Launching Cup, \$268, quantity 2, 25-year shelf life.

Training Requirements:

Trained NPD SWAT members must successfully complete department approved training to be authorized to use the 12-Gauge Muzzle Bang / Launching Cartridge. Training is conducted annually for recertification.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the 12-gauge launching cartridge as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database and subject to California Penal Code Section §13652.1.

ITEM 7:

Armor Piercing (AP) projectiles

Description:

Ruag Swiss P Armor Piercing .308 Winchester, Armor Piercing rounds are designed to penetrate through hardened material that other rounds are unable to penetrate.

Ruag Swiss P Tactical- .308 Winchester (classified as Armor Piercing, but not intended against armor).

Purpose & Use:

For the designated marksman (DM) within the SWAT team to have the capability to stop various types of vehicles when the vehicle is being used to harm innocent community members. They are used in cases where vehicles are driving into mass crowds or events, the projectile can incapacitate the vehicle or the driver; or an armed violent subject who has reinforced protection that a standard bullet could not penetrate to safely resolve a critical incident. Notwithstanding Vehicle Pursuits, the rounds may be used in accordance with the Firearms policy.

Quantity Allocation:

Fiscal Impacts:

Forty (40)

Armor Piercing, \$4.50 each, Quantity 50, 5-year shelf life.

Fifty (50)

Tactical, \$3.25 each, Quantity 50, 5-year shelf life.

Training Requirements:

Must complete annual SWAT rifle qualification and regularly required firearms training.

Compliance Protocols:

Armor Piercing rounds shall be used by SWAT team members under the direction of the SWAT team commander. In addition to State and Federal use of force and ammunition legislation and State Government Code sections §7070-7075, the use of the armor piercing rounds as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force and Firearm policies. City of Napa and Napa Police Department policies are available on our respective websites. By policy, this ammunition must be replaced annually.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 8:**12 Gauge Drag Stabilized Munition****Description:**

12-Gauge-Drag-Stabilized Munition is comprised of a translucent 12-gauge shell loaded with a 40-gram, tear-shaped bag made from a cotton and ballistic material blend and filled with #9 shot.

Purpose & Use:

The 12-gauge tear-shaped "bean bag" round is used to incapacitate a violent, non-compliant subject at a greater distance. This extended-range impact weapon is deployed when a non-lethal response is used to safely resolve an incident.

**Quantity
Allocation:****Fiscal Impacts:**

Two-hundred fifty
(250)

Combine Systems (CTS) 2581 12-gauge Super Sock Bean Bag Impact Munition, \$8.00 each, for training and deployment, 5-year shelf life.

Two-hundred fifty
(250)

Defense Technology Drag Stabilized 12-gauge Bean Bag Round (#3027), \$7.00 each, for training and deployment, 5-year shelf life.

Four-Hundred
(400)

Defense Technology Drag Stabilized 12-gauge Marking Bean Bag Round (#3028), \$7.00 each, for training and deployment, 5-year shelf life.

Training Requirements:

All department officers must successfully complete department approved training to be able to use 12-gauge drag stabilized munitions. The training update requirements are every (2) years.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the 12-gauge drag stabilized munitions shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force, Control Devices Techniques and Firearms policies. The City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database and subject to California Penal Code Section 13652.1.

ITEM 9:

Noise/Flash Diversionary Device (NFDD AKA – Flashbangs)

Description:

Combined Tactical Systems (CTS) 7290M – Mini Bang is a device that emits a loud sound and bright light to momentarily disorient or distract a person or animal. This time allows officers to gain a tactical advantage.

Combined Tactical Systems (CTS) 201FB – Training Fuze is used for training to simulate the 7290M Flash Bang.

Purpose & Use:

Noise/Flash Diversionary Device (NFDD AKA – Flashbangs) are used to distract suspects during high risk operations that may include but not limited to: barricaded subjects, hostage situations, or high risk search warrants.

The smaller Combined Systems (CTS) 201FB Flash-Bang Reload Training Fuze is used for training.

Quantity Allocation:

Fiscal Impacts:

Seventy-two (72)	Combined Systems (CTS) 7290M – Mini Bang, Steel Body, \$48.19 each, for training and deployments, 5 year shelf life.
Ten (10)	Combined Systems (CTS) 7290MT- Mini Flashbang, \$50.42 each: \$504.20
One-Hundred Twenty (120)	Combined Systems (CTS) 201FB Flash-Bang Training Fuze \$15 each, for training and deployments, 5-year shelf life.

Training Requirements:

SWAT officers must complete training from certified instructors prior to deployment. Annual instruction and regular training are required.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the NFDD shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force policies. City of Napa and Napa Police Department policies are available on our respective websites. They must also maintain compliance with local, state, and federal storage, transportation, and handling regulations.

Use of this equipment shall be documented in an incident report and/or applicable database and subject to California Penal Code Section §13652.1.

ITEM 10:**Infrared laser (IR) designator (various configurations)****Description:**

Steiner Optics Dual Beam Aiming Laser (DBAL A2) is a laser signaling device using visible and infrared (IR) light.

Purpose & Use:

IR laser is primarily used as a "laser pointer" style pointing device that can be seen through night vision. It is a laser signaling device that has the capability of attaching to a firearm. IR lasers are not visible to the naked human eye and may be used to aid in signaling or low light threat identification. This equipment is deployed by members of NPD SWAT under the Crisis Response Unit (CRU) deployment procedures.

**Quantity
Allocation:**

Eleven (11)

Fiscal Impacts:

Replacement cost \$1954.00

Training Requirements:

Specially trained NPD SWAT members receive ongoing and annual training in accordance with the policies referenced below.

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the IR laser designator as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force, Safety, Equipment and Firearms policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 11:

Short-barreled select-fire rifle (various configurations)

Description:

A short-barreled select-fire AR-15 style rifle is available in a variety of calibers, barrel lengths, and configurations. The Colt (SMG/R635) uses simunition (training) rounds for use during officer training.

Purpose & Use:

The short-barreled select-fire AR-15 style rifle is the type of firearm that is standard issue to SWAT team members and are employed for a wide variety of missions. The Colt 9MM (SMG/R635) is a rifle that is only used for training purposes. The equipment is used in accordance with the department's Firearms Policy.

Quantity Allocation:

Fiscal Impacts:

Twenty-one (21)	Heckler & Koch (HK) 416; 5.56 x 45mm rifle, cost; \$2200; Annual maintenance, \$2100; 15-year service life.
Twenty-five (25)	Colt 9mm Submachine Gun (SMG/R635), cost \$800; Annual maintenance, \$1250; 10-year service life.
Two (2)	Wilson Combat Less-Lethal Bean Bag Shotgun CQB 14"; cost \$1200; Annual maintenance, \$20; 20-year service life.

Training Requirements:

Officers must successfully complete quarterly firearms qualification training in accordance with the policies below.

Compliance Protocols:

In addition to State and Federal use of force and firearm legislation and State Government Code sections §7070-7075, the use of the sub compact select fire weapon system as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force, Safety, Equipment and Firearms policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 12:**Firearms Suppressors****Description:**

A suppressor is a device attached at the end of a barrel of a firearm (various calibers, lengths, attachment styles).

Purpose & Use:

A suppressor is used to muffle and distort the sound of a firearm as it is fired. The use of a suppressor prevents an officer from hearing loss during a shooting. Communication between officers is essential during a critical incident response and use of these devices aids in maintaining communication during critical incidents. The equipment is used in accordance with department Firearms Policy.

Quantity Allocation:**Fiscal Impacts:**

Thirty-Five (35)

Annual upkeep costs determined by the number of rounds fired and routine/preventative maintenance. Estimated life span 15+ years. \$876-\$938.

Training Requirements:

Officers must successfully complete quarterly rifle qualification and regularly required firearms training.

Compliance Protocols:

In addition to State and Federal use of force and firearm legislation and State Government Code sections §7070-7075, the use of firearm suppressors shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Firearms policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database.

ITEM 13:

PepperBall Launcher

Description:

A less lethal device that discharges irritant and inert indirect and direct impact projectiles.

Purpose & Use:

The PepperBall launcher is used to incapacitate a violent, non-compliant subject at a greater distance using a paint ball filled with an irritant. Situations for use of the less lethal weapon systems may include but are not limited to:

- 1) The suspect is armed with a weapon and the tactical circumstances allow for the safe application of approved munitions.
- 2) The suspect has made credible threats to harm him/herself or others.
- 3) The suspect is engaged in riotous behavior or is throwing rocks, bottles or other dangerous projectiles at people and/or officers.
- 4) There is probable cause to believe that the suspect has already committed a crime of violence and is refusing to comply with lawful orders.
- 5) To bring under control an individual or groups of individuals who are engaging in or are about to engage in violent behavior.

Quantity Allocation:

Fiscal Impacts:

(3)	PepperBall TAC-SF, cost, \$849; lifespan, 20 years.
(3)	PepperBall TAC-700, cost, \$899; lifespan, 20 years.
(2250)	PepperBall LIVE Projectile (red and white), cost, \$2.58; lifespan, 3 years.
(1125)	PepperBall WATER FILLED Projectile, cost, \$0.80; lifespan, 5 years.
(2625)	PepperBall INERT Projectile (purple and white), cost, \$0.86 each, lifespan indefinite.
(500)	RIOT TRAINING Projectile, cost, \$0.30; lifespan indefinite.
(2)	PepperBall SCUBA TANK, cost, \$269; the 3000 psi SCUBA tank is used to refill TAC-SF and TAC-700 launcher air tanks; lifespan, 10-15 years. Annual maintenance is approximately \$50 for each PepperBall launcher. Annual maintenance is approximately \$15-25 per year and \$60 every five years for a hydrostatic testing of the air tanks.

Training Requirements:

Sworn members utilizing PepperBall launchers and projectiles are trained in their use by Pepper Ball and POST certified less lethal and chemical agents instructors (AB 48).

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the PepperBall launcher shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to use of Force and Control Devices and Techniques policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database and subject to California Penal Code Section §13652.1.

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ITEM 14:

SAGE- 37mm Launcher and Munitions

Description:

37MM Launchers are utilized by department personnel as a less lethal tool to launch impact and chemical agent rounds.

Purpose & Use:

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:

- 1) The suspect is armed with a weapon and the tactical circumstances allow for the safe application of approved munitions.
- 2) The suspect has made credible threats to harm him/herself or others.
- 3) The suspect is engaged in riotous behavior or is throwing rocks, bottles or other dangerous projectiles at people and/or officers.
- 4) There is probable cause to believe that the suspect has already committed a crime of violence and is refusing to comply with lawful orders.

Quantity Allocation:

Fiscal Impacts:

Forty (40)

SAGE ORDINANCE CONTROL, 37MM KO1LE Impact Baton, cost, \$22; quantity, 40; lifespan, 5 years.

Twenty-Seven (27)

SAGE ORDINANCE CONTROL, 37MM KO3OC Chemical/Impact Baton, cost, \$26; quantity, 27; lifespan, 5 years.

Eighteen (18)

SAGE ORDINANCE CONTROL, 37MM KO3LEOC Chemical/Impact Baton, cost, \$26; quantity, 18; lifespan, 5 years. Annual maintenance is approximately \$50 for each launcher.

Training Requirements:

Sworn members utilizing 37MM less lethal chemical agents or impact rounds are trained in there use by certified less lethal instructors (AB 48).

Compliance Protocols:

In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the 37mm launcher and its munitions shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force, Control Devices and Techniques, and Firearms policies. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database and subject to California Penal Code Section §13652.1.

ITEM 15: Reflex Sight	
Description: A battery-powered optic with no magnification that allows for single focal-plane aiming of a firearm. This reflex sight includes a mount.	
Purpose & Use: This optical weapon sight is mounted on firearms equipped with fixed sights. The addition of the weapon sight allows an officer to keep both eyes open during potential lethal force encounters, increasing situational awareness and safety.	
Quantity Allocation:	Fiscal Impacts:
Fifty-four (54)	Aimpoint CompM2, cost \$442; lifespan 10 years Annual maintenance costs are approximately \$6 (battery)
Training Requirements: Sworn members issued reflex sights are required to complete initial training and quarterly firearms qualifications with the issued optic.	
Compliance Protocols: In addition to State and Federal use of force legislation and State Government Code sections §7070-7075, the use of the reflex sight shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to Use of Force, and Firearms policies. City of Napa and Napa Police Department policies are available on our respective websites.	

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ITEM 16:

Autel small Unmanned Aerial System (sUAS)

Description:

The Autel EVO series of small unmanned aerial systems are drones that can be remotely controlled or fly autonomously using software-controlled flight plans in its embedded systems that work in-conjunction with onboard sensors and a global positioning system (GPS). UAVs have become an industry-standard in law enforcement.

Purpose & Use:

The use of drones by law enforcement teams such as SWAT, CNT, Accident Reconstruction, and Patrol teams has shown to be highly beneficial. With the future and our unique mission in mind, drone usage in various environments is essential and has already proven to enhance officer safety as well as mission capabilities. A variance in drone aircraft is essential because all missions produce unique challenges and parameters. Different drones provide varying capabilities and the integration of drone usage with special teams such as SWAT and CNT have shown the importance of having reliable and effective drones for officer safety and successful completion of intense, rapidly evolving critical incidents.

Specifically, drone usage with Accident Reconstruction will show an immediate advantage in terms of man hours, scene documentation and point of view. The ability to quickly document a scene from an aerial platform which may then be easily input into software ideal for accident reconstruction, will save countless hours of road closures and overtime costs. The drones additionally provide the advantage of video from the vehicle's point of view as well as easily navigable videos and photos of almost any portion of the collision scene. The drones would be stored within the traffic unit.

Quantity Allocation:

Fiscal Impacts:

One (1) Autel EVO II Pro

Initial cost - \$2500
Ongoing maintenance cost – approx. \$1200 annually

One (1) Autel EVO II 640 T

Initial Cost - \$8195
Ongoing maintenance cost – approx. \$1500 annually

Training Requirements:

Drone team pilots will be required to obtain FAA Part 107 licensing as well as locally developed NPD certification. Ongoing training will consist of 4 hours monthly and annual local certification. Part 107 licensing will conform to all standards, timeframes and policies set by the FAA.

Compliance Protocols:

In addition to State and Federal rules for sUAS's, use of the drones shall conform to all relevant City of Napa and Napa Police Department policies, including but not limited to the sUAS policy. Per FAA regulations, a yearly transparency report will be made available to the public. City of Napa and Napa Police Department policies are available on our respective websites.

Use of this equipment shall be documented in an incident report and/or applicable database per NPD policy.

End of Report