

Military Equipment Report

Considerations:

The Military Equipment Report equipment inventory sheets contained within this document were compiled near year-end 2021 and new-year 2022.

With respect to costs, funding, annual maintenance expenses, and estimated effective lifespan, every effort has been made to be as accurate as possible while at the same time acknowledging that many factors directly affecting those aforementioned values and fiscal impacts are unpredictable.

Costs associated with the following items represent the best estimates at the time this document was prepared. Many of these items are not purchased from manufacturers, but through authorized dealers, who adjust costs in accordance with market factors beyond the predictive abilities or control of Napa PD.

Due to the unpredictable nature of the law enforcement profession, many of the item estimated maintenance costs and effective lifespans are best estimates and may vary greatly on a year-to-year basis, due to the availability of training, type of operational incidents, or other factors.

“Quantity” refers to the allocated quantity needed “on hand” over the course of a fiscal year to meet all reasonably-anticipated operational and training needs. Some items may be carried over in inventory year-to-year depending on operational/training tempo or anticipated item lifespan.

Additionally, there are costs for non-military equipment that are intrinsically tied to the following items. For example, expenses for carrying slings, carrying cases, magazines, sighting systems, flashlights, cleaning supplies, batteries, and other non-military reportable items are not included in the listed cost estimations, unit allocation, or maintenance portions of this report.

It should also be noted that the California State Legislature has designated these items as “military equipment” pursuant to Government Code sections 7070-7075. While the US military may use some of the same equipment, the Napa Police Department deems all of these items as valuable pieces of law enforcement equipment that would be used to help respond to criminal activity, defuse critical incidents, lessen the use of force, or aid in the safety of our community and employees.

We welcome our community members to ask questions and engage in discussion during this process.

Military Equipment List

- ITEM 1: Lenco Bearcat G2 armored vehicle
- ITEM 2: Robotex Avatar tactical robot
- ITEM 3: Defense Technology 40mm launcher single shot capability
 - ITEM 3 (A): CTS exact/direct impact 40mm sponge munitions
 - ITEM 3 (B): Defense Technology ferret round 40mm
- ITEM 4: Chemical agents and smoke canisters
- ITEM 5: Royal Arms ballistic breaching shotgun
 - ITEM 5 (A): Ballistic breaching round
- ITEM 6: 12-gauge Cartridge Combined Systems (CTS) 2600 launching cartridge
- ITEM 7: Armor piercing (AP) projectiles
- ITEM 8: 12-gauge drag stabilized munition
- ITEM 9: Noise/Flash Diversionary Device (NFDD AKA – Flashbangs)
- ITEM 10: Infrared laser (IR) designator
- ITEM 11: Short-barreled select fire rifle
- ITEM 12: Firearm suppressors
- ITEM 13: PepperBall launcher
- ITEM 14: Sage 37mm launcher and munitions

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 the rescue of injured citizens and officers. The exterior of 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 also has the stability and sizing that allows for operations on City roadways and bridges. This vehicle is used for a variety of missions where standard armored SWAT vehicles would experience challenges. This equipment is an armored urban off-road vehicle that allow for the rescue of individuals and safely approaching a location under the protection of armor.	
Quantity:	Fiscal Impacts:
1	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: Members of the SWAT team and Crisis Negotiations Team, along with 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.	

ITEM 2:	
Robotex Avatar Tactical Robot (AKA- Avatar)	
Description: A remotely-controlled unmanned machine that operates on the ground, which 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 and to communicate with the community who may be in harms way or who is creating a harmful environment to safely resolve an incident.	
Quantity:	Fiscal Impacts:
1	Robotex Avatar tactical robot cost depends on use and parts replacement requirements. This item was acquired in 2009. A software update was \$5000 (completed in 2017). Estimated effective lifespan is 10 years.
Training Requirements: Only properly trained NPD SWAT members are authorized to use the Avatar.	
Compliance Protocols: In addition to Government Code sections 7070-7075, the use of the Robotex Avatar tactical robot, as part of the SWAT operations, shall conform to all relevant City of Napa and Napa Police Department policies, including, but not limited to, the critical incident response and management policy. City of Napa and Napa Police Department policies are available on our respective websites.	

<p>ITEM 3:</p> <p style="text-align: center;">Defense Technology 40mm Launcher Single Shot Capability</p>	
<p>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 can use a 40mm less-lethal round (see Item 3 (A)) and 40mm Ferret rounds (see Item 3 (B).)</p>	
<p>Purpose & Use: The 40mm 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. Situations for use of the less-lethal weapon systems may include, but are not limited to:</p> <ul style="list-style-type: none"> 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 	
<p>Quantity:</p> <p>1</p>	<p>Fiscal Impacts:</p> <p>Replacement cost \$1000, annual maintenance \$20, 20-year lifespan</p>
<p>Training Requirements: SWAT officers must successfully complete department approved training. Annual firearms qualification and regularly required refresher training is also mandatory.</p>	
<p>Compliance Protocols: In addition to State and Federal use of force legislation and State Government Code sections 7070-7075, the use of the 40mm launcher 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.</p>	

ITEM 3 (A):	
CTS 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 and accurate for selective engagement. This munition is deployed through a 40mm 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:	Fiscal Impacts:
25	40mm CTS 4557 Sponge Round, \$17.61/ea., 5-year shelf life
12	40mm CTS 4557HV Sponge Round, \$19.17/ea., 5-year shelf life
12	40mm CTS 4530 CS Sponge Round, \$23.83/ea., 5-year shelf life
Training Requirements: SWAT team members utilizing 40mm less-lethal chemical agents or impact rounds are trained in their use by POST certified less-lethal and chemical agent instructors.	
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 policies. City of Napa and Napa Police Department policies are available on our respective websites.	

ITEM 3B:	
Defense Technology Ferret Round 40mm	
Description: The Defense Technology Ferret 40mm CS Liquid Barricade Penetrating Projectile round is a projectile filled with a 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: Used in cases where armed suspects are threatening to commit or have committed violent crimes; or 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:	Fiscal Impacts:
20/yr.	Defense Technology Ferret 40mm CS Liquid Barricade Penetrating Projectile, \$21.25/ea., 5-year shelf life
Training Requirements: Officers must successfully complete department approved training to be authorized to use the Ferret 40mm round. Officers are trained in its use by POST certified less-lethal and chemical agents instructors.	
Compliance Protocols: In addition to State and Federal use of force legislation and State Government Code sections 7070-7075, the use of the Defense Technology Ferret 40mm round shall conform to all relevant City of Napa and Napa Police Department policies, including, but not limited to, use of force policies. It 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.	

ITEM 4: Chemical Agents and Smoke Canisters	
Description: These canisters contain chemical agents that are released when deployed. The chemical agents handheld grenade devices utilize a M201A1 Fuzee 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: Used in cases where armed or dangerous suspects are barricading themselves inside a structure and refusing to surrender. 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.	
Quantity:	Fiscal Impacts:
20	Defense Technologies Military-Style Maximum Smoke, \$32/ea., for training and deployments, 5-year shelf life.
25	Combined Tactical Systems (CTS) 5210 – White Smoke Canister Grenade, \$24.67/ea., 5-year shelf life.
15	Combined Tactical Systems (CTS) 8210 – White Smoke Tactical Canister Grenade, \$17.72/ea., 5-year shelf life.
15	Combined Tactical Systems (CTS) 8230 – CS Smoke Tactical Canister Grenade Outdoor, \$18.44/ea., 5-year shelf life.
20	Defense Technologies Spede Heat CS, \$32/ea., for training and deployments, 5-year shelf life.
20	Defense Technologies Flameless Tri-Chamber CS, \$35/ea., for training and deployments, 5-year shelf life.
20	Combined Tactical Systems (CTS) 5230B – CS Baffled Canister Grenade, \$36.59/ea. for training and deployments, 5-year shelf life.
Training Requirements: SWAT officers must successfully complete department approved training to be authorized to use chemical agents handheld grenade devices.	
Compliance Protocols: In addition to State and Federal use of force legislation and State Government Code sections 7070-7075, the use of the 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.	

ITEM 5:	
Royal Arms 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 Impacts:
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.	

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:	Fiscal Impacts:
25	Royal Arms Tesar #1 275 grain frangible copper, (Orange Cap), \$5/ea., for training or deployments, 5-year shelf life.
25	Royal Arms Tesar #2 425 grain frangible copper, (Black Cap), \$5/ea., for training or deployments, 5-year shelf life.
25	Royal Arms HP Cutter 12 Gauge Hollow Point Rebar Cutter (Purple Cap), \$6/ea., for training or deployments, 5-year shelf life.
25	Royal Arms FB-82H 12 Gauge 82 grain Flash Bang Hard (Red Cap), \$5/ea., for training or deployments, 5-year shelf life.
25	Royal Arms FBC Flash Bang Cartridge (Brown Cap), \$4/ea., 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.	

<p>ITEM 6:</p> <p align="center">12-gauge Combined Systems (CTS) 2600 Launching Cartridge</p>	
<p>Description: The 12-gauge Combined System (CTS) 2600 Launching Cartridge incorporates an opaque shell and utilizes black powder as the propellant.</p>	
<p>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 is attached to the barrel of a shotgun. This device is used where armed suspects are threatening to commit/have committed violent criminal acts 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.</p>	
<p>Quantity:</p>	<p>Fiscal Impacts:</p>
<p>20</p>	<p>Muzzle Bang/Launching Cartridge, \$4.57/round, 5-year shelf life.</p>
<p>2</p>	<p>Launching Cup, \$268, 25-year shelf life.</p>
<p>Training Requirements: Trained NPD SWAT members must successfully complete department approved training to be authorized to use the 12-gauge launching cartridge. Training is conducted annually for recertification.</p>	
<p>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.</p>	

ITEM 7:	
Armor Piercing (AP) projectiles	
Description: <p>Ruag Swiss P Armor Piercing .308 Winchester, Armor Piercing rounds are designed to penetrate through hardened material that other rounds are unable to penetrate.</p> <p>Ruag Swiss P Tactical- .308 Winchester (classified as Armor Piercing, but not intended for use against armor).</p>	
Purpose & Use: <p>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.</p>	
Quantity:	Fiscal Impacts:
50	Armor Piercing, \$4.50/ea., 5-year shelf life.
50	Tactical, \$3.25/ea., 5-year shelf life.
Training Requirements: <p>Must complete annual SWAT rifle qualification and regularly required firearms training.</p>	
Compliance Protocols: <p>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.</p>	

ITEM 8:	
12-gauge Drag Stabilized Munition	
Description: The 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 is deployed when a non-lethal response is used to safely resolve an incident.	
Quantity:	Fiscal Impacts:
400	Combine Systems (CTS) 2581 12-gauge Super Sock Bean Bag Impact Munition, \$8/ea., for training and deployment, 5-year shelf life.
400	Defense Technology Drag Stabilized 12-gauge Bean Bag Round (#3027), \$7/ea., for training and deployment, 5-year shelf life.
400	Defense Technology Drag Stabilized 12-gauge Marking Bean Bag Round (#3028), \$7/ea., for training and deployment, 5-year shelf life.
Training Requirements: All Napa Police Officers must successfully complete department approved training to be able to use 12-gauge drag stabilized munitions. The training update requirements are every two 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 and firearm policies. City of Napa and Napa Police Department policies are available on our respective websites.	

<p>ITEM 9:</p> <p align="center">Noise/Flash Diversionsary Device (NFDD AKA – Flashbangs)</p>	
<p>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.</p> <p>Combined Tactical Systems (CTS) 201FB – Training Fuzee is used for training to simulate the 7290M Flash Bang.</p>	
<p>Purpose & Use: Noise/Flash Diversionsary 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.</p> <p>The smaller Combined Systems (CTS) 201FB Flash-Bang Reload Training Fuzee is used for training.</p>	
<p>Quantity:</p> <p>24</p> <p>120</p>	<p>Fiscal Impacts:</p> <p>Combined Systems (CTS) 7290M – Mini Bang, Steel Body, \$45/ea., for training and deployments, 5-year shelf life.</p> <p>Combined Systems (CTS) 201FB Flash-Bang Training Fuzee \$15/ea., for training and deployments, 5-year shelf life.</p>
<p>Training Requirements: SWAT officers must complete training from certified instructors prior to deployment. Annual instruction and regular training are required.</p>	
<p>Compliance Protocols: In addition to State and Federal use of force legislation, State Government Code sections 7070-7075, the use of the NFDD as part of SWAT operations 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. Must also maintain compliance with local, state and federal storage, transportation and handling regulations.</p>	

ITEM 10:	
Infrared laser (IR) designator (various configurations)	
Description: Steiner Optics Dual Beam Aiming Laser (DBAL A2) is a laser signaling device.	
Purpose & Use: IR laser is 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 weapon system. IR lasers are not visible to the naked human eye.	
Quantity:	Fiscal Impacts:
1	Replacement cost \$1954.00, as needed
Training Requirements: Specially trained NPD SWAT members receive ongoing and annual training.	
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 policies. City of Napa and Napa Police Department policies are available on our respective websites.	

ITEM 11:	
Short-barreled select fire rifle (various configurations)	
Description: A short barreled select fire AR-15 style rifle 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.	
Quantity:	Fiscal Impacts:
21	Heckler & Koch (HK) 416; 5.56 x 45mm rifle, \$2200/ea., annual maintenance \$2100, 15-year life span.
25	Colt 9mm Submachine Gun (SMG/R635), \$800/ea., annual maintenance \$1250, 10-year service life.
2	Wilson Combat Less-Lethal Bean Bag Shotgun CQB 14", \$1200/ea., annual maintenance \$20, 20-year service life.
Training Requirements: SWAT officers must successfully complete annual SWAT 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 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 and firearm policies. City of Napa and Napa Police Department policies are available on our respective websites. These rifles are used only during training.	

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 a SWAT officer from hearing loss during a shooting. Communication between SWAT officers is essential during a critical incident response. The use of these devices aids in maintaining communication during critical incidents.	
Quantity:	Fiscal Impacts:
12	Suppressors \$876-\$938, annual maintenance costs determined by the number of rounds fired and routine/preventative maintenance, 15+ year lifespan.
Training Requirements: SWAT officers must successfully complete annual SWAT rifle qualification and regularly required firearms training.	
Compliance Protocols: In addition to State and Federal firearm legislation, State Government Code sections 7070-7075, the use of the firearm suppressors as part of SWAT Operations shall conform to all relevant City of Napa and Napa Police Department policies, including, but not limited to, firearm policies. City of Napa and Napa Police Department policies are available on our respective websites. The suppressor shall be used by SWAT team members under the direction of the SWAT Commander.	

ITEM 13:	
PepperBall Launcher	
Description: A 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: <ol style="list-style-type: none"> 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:	Fiscal Impacts:
3	PepperBall TAC-SF, \$849/ea., 20-year lifespan.
3	PepperBall TAC-700, \$899/ea., lifespan, 20 years.
2250	PepperBall LIVE Projectile (red and white), \$2.58/ea., lifespan, 3 years.
1125	PepperBall WATER FILLED Projectile, \$0.80/ea., lifespan, 5 years.
2625	PepperBall INERT Projectile (purple and white), \$0.86/ea., indefinite lifespan. RIOT TRAINING Projectile, \$0.30/ea., indefinite lifespan.
500	PepperBall SCUBA air tank, \$269/ea., the 3000 psi SCUBA tank is used to
2	refill TAC-SF and TAC-700 launcher air tanks; 10-15 year lifespan. PepperBall launcher annual maintenance is \$50/ea. SCUBA tank annual maintenance is \$15-25/ea. 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.	
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 and its 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 policies. City of Napa and Napa Police Department policies are available on our respective websites. It is the policy of the Napa PD to utilize PepperBall only for official law enforcement purposes.	

ITEM 14:	
Sage 37mm Launcher and Munitions	
Description: Sage Control Ordinance 37mm Launchers are utilized by sworn Napa PD personnel as a less-lethal tool to launch impact 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: <ol style="list-style-type: none"> 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:	Fiscal Impacts:
40	Sage Control Ordinance 37mm KO1LE Impact Baton, cost, \$22; 5-year lifespan.
27	Sage Control Ordinance 37mm KO3OC Chemical/Impact Baton, cost, \$26; 5-year lifespan.
18	Sage Control Ordinance 37mm KO3LEOC Chemical/Impact Baton, cost, \$26; 5-year lifespan.
	Launcher annual maintenance is \$50/ea.
Training Requirements: Sworn members utilizing 37mm less-lethal chemical agents or impact rounds are trained in their use by certified less-lethal instructors.	
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, firearms and control devices policies. City of Napa and Napa Police Department policies are available on our respective websites. It is the policy of the Napa PD to utilize the 37mm launcher only for official law enforcement purposes.	