

Military Equipment

709.1 PURPOSE AND SCOPE

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

709.1.1 DEFINITIONS

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

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

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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709.2 POLICY

It is the policy of the Yolo County Sheriff's Office that members of this office comply with the provisions of Government Code § 7071 with respect to military equipment.

709.3 MILITARY EQUIPMENT COORDINATOR

The Sheriff should designate a member of this office 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 office equipment that qualifies as military equipment in the current possession of the Office, or the equipment the Office 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 Yolo County Sheriff's Office (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 office's funding, acquisition, and use of equipment.
- (f) Preparing the annual military equipment report for submission to the Sheriff and ensuring that the report is made available on the office 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 Office will respond in a timely manner.

709.4 MILITARY EQUIPMENT INVENTORY

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

See attachment: Yolo County Military Use UPDATED 4-1-22.pdf

709.5 APPROVAL

The Sheriff 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 Sheriff or the authorized designee shall ensure the proposed military equipment policy is submitted to the governing body and is available on the office 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):

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- (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 office.
- (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.

709.6 COORDINATION WITH OTHER JURISDICTIONS

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

709.7 ANNUAL REPORT

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

The Sheriff or the authorized designee should also make each annual military equipment report publicly available on the office 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 office inventory.

709.8 COMMUNITY ENGAGEMENT

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

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709.4 MILITARY EQUIPMENT INVENTORY

(a) **Unmanned Aircraft System (UAS):** Unmanned Aircraft with associated equipment necessary to operate it.

1. Description, quantity, costs, capabilities:

(a) DJI Mavic Mini, quantity: 4, cost: \$400 each. Small UAS weighing approximately 249 grams utilized for training, indoor, confined spaces, and outdoor applications for recording up to 30 minutes with a single battery use.

(b) DJI Mavic Enterprise Duals, quantity: 2, cost: \$5,500, Mid-size UAS weighing approximately 899 grams with Infrared/ zoom camera with audible speaker and lights. Utilized for training, indoor, and outdoor applications for recording up to 30 minutes with a single battery use.

(c) DJI MATRICE 300 RTK, quantity: 1, cost: \$50,610. Large UAS weighing approximately 6.3 kg. with Infrared and thermal/ high-definition zoom camera with audible speaker and search lights. Utilized for extended and complex operations such as critical incidents and search and rescue applications. 55 minutes with a single battery use.

2. Purpose:

To be deployed when its view would assist deputies or incident commanders with the following: Search and Rescue, Natural Disaster Management, Crime Scene Photography, Tactical Operations, SWAT, CNT, other life preservation missions, Mutual Aid Requests.

3. Authorized Use:

Only assigned operators who have completed the required training shall be permitted to operate the UAS in approved missions.

4. Expected Life Span:

All UAS equipment is expected to last 3-4 years.

5. Fiscal Impact:

Annual Maintenance and battery replacement cost approximately \$2,000 a year.

6. Training:

All Sheriff's Office UAS Operators are licensed through the Federal Aviation Agency (FAA). All Operators must also complete a Sheriff's Office Training course and upkeep perishable skills.

7. Legal and Procedural rule:

Use is authorized under the FAA Regulation 14, Part 107 operator licensing, the FAA Certificate or Agreement and the Yolo County Sheriff's Office UAS Policy. The Yolo County Sheriff's Office operates the UAS for official law enforcement purposes and in manner that respects the privacy of the community pursuant to State and Federal laws.

(b) **40 MM Launchers and Less Lethal Rounds:** 40MM Launchers are utilized by department members as a less lethal tool to launch impact rounds.

1. Description, quantity, capabilities, and purchase cost

(a) DEFENSE TECHNOLOGY, 40MM TACTICAL SINGLE LAUNCHER (40LMTS), #1425, cost: \$1000, quantity: 6. The 40LMTS is a tactical 40mm single shot launcher that features an expandable stock and an adjustable Integrated Front Grip (IFG) with a light rail. The 40LMTS 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 trained members of the department.

- (b) DEFENSE TECHNOLOGY, 40MM TACTICAL 6-SHOT LAUNCHER, #1375, cost: \$2,295, quantity: 1. The 40mm Tactical 6-Shot Launcher provides multi-shot capability in an easy to carry launcher. It will launch a 40MM less lethal round up to 131 feet and is only authorized to be used by trained members of the department.
- (c) DEFENSE TECHNOLOGY, 40MM TACTICAL SINGLE LAUNCHER, #1325, cost: \$1000, quantity: 2. The 40MM tactical single launcher is a tactical 40mm single shot launcher that features a fixed stock. The 40MM tactical single launcher 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 trained members of the department.
- (d) DEFENSE TECHNOLOGY, 40MM eXact iMpacT Sponge Round, #6325, cost: \$28.65, quantity: 126. This lightweight, high-speed projectile incorporates a plastic body and a foam (sponge) nose which is spin stabilized via the incorporated rifling collar and the 40mm launcher's rifled barrel at 345 FPS. The 40mm eXact iMpacT Sponge Round will prove most successful for incapacitation when used within its optimal energy range of approximately 5 – 40 meters, although it may be used in situations from 1.5 – 50 meters.
- (e) DEFENSE TECHNOLOGY, Ferret 40mm Liquid Barricade Penetrator Round, CS, #2262, cost: \$28.15, quantity: 30. The Ferret 40mm Round is a frangible projectile filled with chemical agent, CS. It is designed to deliver chemical agents, CS, in barricade situations from a 40mm launcher. In a tactical deployment situation, the Ferret 40mm is primarily used to dislodge barricaded subjects from very small, 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.
- (f) DEFENSE TECHNOLOGY, Ferret 40mm Liquid Barricade Penetrator Round, OC, #2260, cost: \$28.90, quantity: 10. The Ferret 40mm Round is a frangible projectile filled with chemical agent, OC. It is designed to deliver chemical agents, OC, in barricade situations from a 40mm launcher. In a tactical deployment situation, the Ferret 40mm is primarily used to dislodge barricaded subjects from very small, 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.

2. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

3. Authorized Use

Situations 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.

4. Training

Members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agents' instructors.

5. Lifespan

- (a) Defense Technology #1425- 25 years.
- (b) Defense Technology #1375- 15 years.
- (c) Defense Technology #1325- 25 years
- (d) Model 6325 Exact Impact Sponge- 5 years.
- (e) Model 2262 Liquid Barricade Penetrator round, CS- 5 years.
- (f) Model 2260 Liquid Barricade Penetrator round, OC- 5 years.

6. Fiscal Impact

Annual maintenance is approximately \$10 for each launcher.

7. Legal and Procedural Rules

Use is established under Yolo County Sheriff's Policy 303.9 Kinetic Energy Projectile Devices. It is the policy of the Yolo County Sheriff's to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

- (c) **Less Lethal Shotgun and Less Lethal Rounds:** Less Lethal Shotgun is used to deploy the less lethal 12-gauge Safariland Defense Technology drag stabilized Beanbag Round. The breaching shot gun is utilized for making entries into fortified or locked entryways.

1. Description, quantity, capabilities, and purchase cost

- (a) REMINGTON 870 LESS LETHAL SHOTGUN, cost: \$946, quantity: 6. The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12- gauge Safariland Defense Technology drag stabilized Beanbag Round. 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.
- (b) REMINGTON 870P POLICE BREACHER, cost: \$1,200, quantity: 1. This pump-action shotgun allows for breachers to safely utilize shotgun breaching rounds in order to defeat 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. The overall length of this shotgun is reduced shorter than a standard 870 to aid in maneuvering in confined spaces. This system is to replace aging breaching shotguns.
- (c) SAFARILAND DEFENSE TECHNOLOGY DRAG STABILIZED BEANBAG ROUND, cost: \$5, quantity: 75. A less lethal 12-gauge shotgun round firing a ballistic tear shaped fiber bag filled with 40 grams of #9 lead shot at a velocity of 270 feet per second (FPS). This design utilizes four stabilizing tails and utilizes smokeless powder as the propellant. Safariland Defense Technology drag stabilized Beanbag rounds are discharged from a dedicated 12-gauge shotgun that is distinguishable by an orange butt stock and fore grip. The maximum effective range of this munition is up to 75 feet from the target.

2. Purpose

To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

3. Authorized Use

Situations 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.

4. Lifespan

- (a) Remington 870 Less Lethal Shotgun- 25 years.
- (b) Less Lethal 12-gauge Safariland Defense Technology drag stabilized Beanbag Round- 5 years

5. Fiscal Impact

Annual maintenance is approximately \$10 for each shotgun.

6. Training

Members that are assigned the 12 gauge less lethal shotgun as a less lethal option are trained and qualified during in-service training.

7. Legal and Procedural Rules

Use is established under Yolo County Sheriff's Policy 303.9 Kinetic Energy Projectile Devices. It is the policy of the Yolo County Sheriff's to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

(d) **Distraction Devices:** A distract device is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry or other high-risk arrest situations.

1. Description, quantity, capabilities, and purchase cost

(a) DEFENSE TECHNOLOGY, Distraction Device Reloadable Body, #8933, cost: \$63.35, quantity: 24.

(b) DEFENSE TECHNOLOGY Distraction Device Reload w/ Safety Clip, #8901SC, cost: \$37.85, quantity: 52.

The 12-Gram Distraction Device reload utilizes an M201A1 type fuze that was designed for use with the Distraction Device reloadable steel body. The distraction device is non-bursting and produces 175 dB of sound output at 5 feet and 6-8 million candelas for 10 milliseconds. The device is ideal for distracting dangerous suspects during assaults, hostage rescue situations, room entries, or other high-risk arrest situations.

2. 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.

3. Authorized Use

Diversionary Devices shall only be used:

- (a) By members who have been trained in their proper use.
- (b) In hostage and barricaded subject situations.
- (c) In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.
- (d) During other high-risk situations where their use would enhance officer safety.
- (e) During training exercises.

4. Lifespan

- (a) Distraction Device Reloadable Body, #8933- 5 years.
- (b) Distraction Device Reload w/ Safety Clip, #8901SC- 5 years.

5. Fiscal Impact

No annual maintenance.

6. Training

Prior to use, members must attend divisionary device training that is conducted by Post certified instructors.

7. Legal and Procedural Rules

Use is established under Yolo County Sheriff's S.W.A.T Operations Policy 406. It is the policy of the Yolo County Sheriff's to utilize distraction devices only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

(e) **Rifles and Ammunition:** 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.

1. Description, quantity, capabilities, and purchase cost

- (a) HS PRECISION SHORT TACTICAL RIFLE (STR), BOLT ACTION RIFLE WITH SCOPE, cost \$4799, Quantity: 1. A Precision bolt action rifle chambered in .308 Winchester. This rifle is primarily used in an overwatch capacity to protect the community at longer distances, during large events.
- (b) LMT, AR-10 SEMI-AUTOMATIC 16" RIFLE WITH SCOPE, cost: \$0 (personnel owned by SWAT Team member), Quantity: 1. A Precision semi-automatic rifle chambered in .308 Winchester. This rifle is primarily used in an overwatch capacity to protect the community at longer distances, during large events.
- (c) DPMS, LR-308, AR-10 SEMI-AUTOMATIC 16" RIFLE WITH SCOPE, cost: \$0 (personnel owned by SWAT Team member), Quantity: 1. A Precision semi-automatic rifle chambered in .308 Winchester. This rifle is primarily used in an overwatch capacity to protect the community at longer distances, during large events.
- (d) COLT M4 COMANDO 11.5" RIFLE, cost: \$804, quantity: 2. A rifle that fires an intermediate-power cartridge (5.56MM) which is more powerful than a standard pistol but less powerful than a standard rifle. It is a short-barreled SWAT rifle which allows a trained officer better control inside of structures with greater accuracy than a handgun.
- (e) COLT M4 CARBINE RIFLE, cost: \$804, quantity: 8. A rifle that fires an intermediate-power cartridge (5.56MM) which is more powerful than a standard pistol but less powerful than a standard rifle. The rifle has a 16-inch barrel and is fitted with an adjustable stock.
- (f) FN AMERICA FN-15 SBR-11.5", cost: \$1021, quantity: 6, A rifle that fires an intermediate-power cartridge (5.56MM) which is more powerful than a standard pistol but less powerful than a standard rifle. It is a short-barreled SWAT rifle which allows a trained officer better control inside of structures with greater accuracy than a handgun.
- (g) HK MP5 SUBMACHINE GUN, cost: \$1500 (last purchased in 2007), quantity: 4. A submachine gun that fires a 9mm cartridge from a shoulder fired weapon.

The MP5 is specifically assigned to the SWAT team and allows a trained officer better control inside of structures with greater accuracy than a handgun.

- (h) HK HK91 SEMI-AUTOMATIC RIFLE, cost: No initial cost (a previously seized evidence firearm that was converted for law enforcement use in 1999), quantity: 1. This firearm is chambered in .308 Winchester and has a 16" barrel. The magazine holds 10 rounds of ammunition and the rifle has a fixed non-adjustable stock. This rifle is assigned to the SWAT team and is used by trained officers with its primary use in an overwatch capacity to protect the community at longer distances, during large events.
 - (i) HORNADY DUTY .223 CALIBER, 60 GRAIN RIFLE ROUND, cost: \$185.00 per case of 200, quantity: 25 cases. Hornady TAP ammunition is used extensively by law enforcement agencies. This due in part to the fact that the propellants used in the loading of this ammunition were engineered to minimize muzzle flash. This ammunition is new production, non-corrosive, in boxer primed, reloadable brass cases with a plastic tip.
 - (j) FEDERAL GOLD MEDAL MATCH .308 168 GR RIFLE ROUND, cost: \$398 per case of 200, quantity: 1 case. The Federal Gold Medal .308 Winchester ammunition is new production ammo that features a 168 Grain Sierra Match King 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 Match King 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.
 - (k) HORNADY .308 WINCHESTER 168 GR ELD MATCH TAP RIFLE ROUND, cost: \$250 per case of 200, quantity: 6 cases, the 168 gr. ELD® Match bullet delivers excellent performance that TAP Precision is known for, but features a resilient, heat resistant polymer tip that improves the ballistic coefficient, resulting in higher velocities, less drop, and less wind drift.
2. 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.
3. Authorized Use
Only members that are POST and SWAT certified are authorized to use these rifles and ammunitions.
4. Lifespan
- (a) HS PRECISION SHORT TACTICAL RIFLE (STR), BOLT ACTION RIFLE WITH SCOPE (15 years depending on the number of rounds fired through weapon)
 - (b) LMT, AR-10, 16" BARREL, SEMI-AUTOMATIC RIFLE WITH SCOPE (SWAT member owned).
 - (c) DPMS, MODEL LR-308, SEMI-AUTOMATIC RIFLE WITH SCOPE (SWAT member owned).
 - (d) COLT M4 COMANDO 11.5" RIFLE (15 years depending on the number of rounds fired through weapon)
 - (e) COLT M4 CARBINE RIFLE (15 years depending on the number of rounds fired through weapon)

- (f) FN AMERICA FN-15 SBR-11.5" (15 years depending on the number of rounds fired through weapon)
- (g) HK MP5 SUBMACHINE GUN (15 years depending on the number of rounds fired through weapon)
- (h) HK HK91 SEMI-AUTOMATIC RIFLE (15 years depending on the number of rounds fired through weapon)
- (i) FEDERAL GOLD MEDAL MATCH .308 168 GR RIFLE ROUND (No expiration)
- (j) HORNADY DUTY .223 CALIBER, 60 GRAIN RIFLE ROUND (No expiration)

5. Fiscal Impact

Annual maintenance is approximately \$10 for each rifle.

6. Training

Prior to using a rifle, members must be certified by POST instructors in the operation of the rifle. Additionally, all members of SWAT that operate these rifles and ammunition are required to qualify with a regular basis during monthly trainings.

7. Legal and Procedural Rules

Use is established under Yolo County Sheriff's Policy 302.3.3 Patrol Rifles. It is the policy of the Yolo County Sheriff's to utilize the rifles and ammunition only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

- (f) **Chemical Agent and Smoke Canisters:** Canisters that contain chemical agents that are released when deployed.

1. Description, quantity, capabilities, and purchase cost

(a) DEFENSE TECHNOLOGY, FLAMELESS TRI-CHAMBER CS GRENADE, #1032, cost \$46.25, quantity: 5. The Tri-Chamber Flameless Grenade is designed for indoor use. This grenade's pyrotechnic contents are burned within an internal can that is one of three in this design. The internal combustion allows the chemical-laden smoke to be released through three (3) ports on the outer canister side while safely containing any of the fire producing properties within the two internal canisters. 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.

(b) DEFENSE TECHNOLOGY, FLAMELESS EXPULSION CS GRENADE, #2042, cost: \$49, quantity: 27. The CS Flameless Expulsion Grenade is a compact, non-pyrotechnic, 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.

- (c) DEFENSE TECHNOLOGY, FLAMELESS EXPULSION OC GRENADE, #2040, cost: \$49, quantity: 17. The OC Flameless Expulsion Grenade is a compact, non-pyrotechnic, 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.

2. 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:

- (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.

3. Authorized Use

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

4. Training

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

5. Lifespan

Year from manufacturing date.

6. Fiscal Impact

No annual maintenance.

7. Legal and Procedural Rules

Use is established under Yolo County Sheriff's S.W.A.T Operations Policy 406. It is the policy of the Yolo County Sheriff's to utilize chemical agents and smoke canisters only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

- (g) **Pepper Projectile System and Less Lethal Pepper Balls:** Less Lethal Systems are used by trained members to deploy less lethal projectiles and is commonly used in the custodial setting.

1. Description, quantity, capabilities, and purchase cost

- (a) FN, FN303 Less Lethal Launcher, cost: \$1000, quantity: 4. The FN303 is a semi-automatic rifle that utilizes compressed air to launch a plastic frangible round that fragments on impact and disperses Oleoresin Capsicum II (OC). The projectiles are fin stabilized projectiles made of frangible plastic designed to break upon contact with a muzzle velocity average of 280-300 feet per second. The FN303 Less Lethal Launcher combines kinetic impact with Oleoresin Capsicum.
- (b) PEPPERBALL, MODEL: SA200, cost: \$300, quantity: 1. The PepperBall SA200 Launchers are designed as less lethal weapons for use in a wide variety of tactical applications encountered within law enforcement. They may be used as an area treatment device to deploy chemical agents upon resistive suspects or as a direct

fire weapon on assaultive/high risk suspects. The intended target zone for the PepperBall Launcher is low center mass, unless the situation dictates otherwise.

- (c) PepperBall, MODEL: FTC, cost \$679, quantity: 2. The PepperBall FTC Launchers are designed as less lethal weapons for use in a wide variety of tactical applications encountered within law enforcement. They may be used as an area treatment device to deploy chemical agents upon resistive suspects or as a direct fire weapon on assaultive/high risk suspects. The intended target zone for the PepperBall Launcher is low center mass, unless the situation dictates otherwise.
- (d) FNH LE FN303 PAVA POWDER PROJECTILE, cost: \$879, quantity: 150. The projectile is intended as an irritant for individual suspects, point-specific targets, or small-area denial. The active ingredient is 0.5% PAVA/OC in a powder form for ease of storage, deployment, and clean-up.
- (e) PEPPERBALL, LIVE-X PAVA (OC) POWDER PROJECTILES, cost: \$1,500, quantity 555. The OC powder projectile uses PAVA pepper powder irritant chemical agent that is waterproof, non-flammable and low impact. Effective in crowd control in both dispersing crowds and area deniability.
- (f) PEPPERBALL, GREEN WASHABLE LIQUID MARKING PROJECTILES, cost: \$88.25 quantity 90. This projectile contains a paint solution that can be used to mark suspects for later apprehension and/or marking doors, openings, or objects for identification.
- (g) PEPPERBALL, GLASS BREAKER SOLID PROJECTILES, cost: \$29.50, quantity 10. The glass breaker projectile is a solid polymer projectile used for breaking out residential windows and side-glass of automobiles. Not for use on humans or animals.

2. 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:

- (a) When an inmate exhibits violent or potentially violent behavior that threatens the safety of others and attempts to subdue the subject by using verbal commands, defensive tactics, taser, and or O.C. spray have not been or reasonably appear unlikely to be effective.
- (b) When it is unsafe for an officer to approach an inmate within contact range.
- (c) To defend one's self or another from an aggressive and/or attacking inmate.
- (d) To disperse unruly or rioting inmates threatening unlawful property damage or physical force.
- (e) After ample verbal warning an inmate refuses to comply with a lawful order, and the inmate takes an aggressive posture (i.e., clench fists, fighting stance, etc.), or makes an aggressive movement toward officers.
- (f) Training exercises or approved demonstrations.

3. Authorized Use

Member who are trained in the application and proper maintenance of the less lethal systems, and members who successfully complete the training in the application of the less lethal systems will be authorized to use the less lethal systems.

4. Training

Members are certified and trained by department personnel on the less lethal systems.

5. Lifespan

- (a) FN, FN303 Less Lethal Launcher (15 years depending on the number of rounds fired through weapon)
- (b) PEPPERBALL, MODEL: SA200 (15 years depending on the number of rounds fired through weapon)
- (c) PEPPERBALL, MODEL: FTC (15 years depending on the number of rounds fired through weapon)
- (d) FNH LE FN303 PAVA POWDER PROJECTILE. 3-year from manufacturing date.
- (e) PEPPERBALL, LIVE-X PAVA (OC) PROJECTILE. 3-year from manufacturing date.
- (f) PEPPERBALL, GREEN LIQUID MARKING PROJECTILE. 3-year from manufacturing date.
- (g) PEPPERBALL, GLASS BREAKER SOLID PROJECTILES. 3-year from manufacturing date.

6. Fiscal Impact

Annual maintenance is approximately \$50 for each less lethal system.

7. Legal and Procedural Rules

Use is established under Yolo County Sheriff's Policy 303.7.2 Pepper Projectile System. It is the policy of the Yolo County Sheriff's to utilize the Pepper Projectile System only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

(h) **MAINTENANCE OF MILITARY EQUIPMENT USE SUPPLY LEVELS**

- 1. When stocks of military equipment have reached significantly low levels or have been exhausted, the Department may order up to 25% of stock in a calendar year without the governing body approval to maintain essential availability for the Sheriff's Office needs.

(i) **YOLO COUNTY SHERIFF'S OFFICE OUTSIDE AGENCY MILITARY EQUIPMENT USE.**

- 1. Military Equipment used by any member of this Sheriff's Office shall be approved for use and in accordance with Yolo County Sheriff's Policy. The Yolo County Sheriff's Office participates in regional teams for Explosive Ordinance Disposal (EOD), Crisis Negotiations Team (CNT), Mobile Response Team (MRT) and Special Weapons and Tactics (SWAT). The regional teams maintain and operate under a memorandum of understanding (MOU) with the participating agencies. Military Equipment used and maintained by participating regional partners, shall comply with their respective military equipment use policies.
- 2. Military Equipment used by other jurisdictions that are providing mutual aid to this Sheriff's Office or operating in conjunction in a law enforcement capacity with this Sheriff's Office, shall comply with their respective military equipment use policies while rendering mutual aid.