

# Military Equipment

## 706.1 PURPOSE AND SCOPE

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

### 706.1.1 DEFINITIONS

Definitions related to this policy are set forth by Government Code § 7070:

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

**Military equipment** – Includes:

- 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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### **706.2 POLICY**

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

#### **706.2.1 COMPLIANCE PROCEDURE**

The University of California San Diego Police Department will ensure that all Department members comply with this policy and the policies that govern the use of equipment defined as military equipment. The UC San Diego Police Department shall conduct an annual audit. The Chief of Police or their designee will be notified of any policy violation(s). If needed, the violation(s) will be referred to an internal complaint investigation and handled according to UC San Diego Police Department's Personnel Complaint policy. All instances of non-compliance will be reported to the UC Board of Regents as part of the annual military equipment report.

Any member of the public can register a complaint, question, or a concern regarding military equipment use by sending their question via email to [askacop@ucsd.edu](mailto:askacop@ucsd.edu). The Chief of Police or their designee will respond in a timely manner.

### **706.3 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 other law enforcement agencies that may use military equipment within the jurisdiction of UCSD 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).

### **706.4 MILITARY EQUIPMENT INVENTORY**

The following constitutes a list of qualifying equipment for the UC Police Departments:

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See attachment: [All UCs Inventory.pdf](#)

See attachment: [CATEGORY 8 FIREARMS AND AMMUNITION OF .50 CALIBER OR GREATER EXCLUDING STANDARD-ISSUE SHOTGUNS AND THE STANDARD ISSUE SHOTGUN AMMUNITION.pdf](#)

See attachment: [CATEGORY 12 MUNITIONS CONTAINING TEAR GAS OR O.C. EXCLUDING STANDARD SERVICE-ISSUED HAND-HELD PEPPER SPRAY.pdf](#)

See attachment: [CATEGORY 13 TASER SHOCKWAVE MICROWAVE WEAPONS WATER CANNONS AND LONG-RANGE ACOUSTIC DEVICES.pdf](#)

See attachment: [Category 14 KINETIC ENERGY WEAPONS AND MUNITIONS.pdf](#)

### **706.5 APPROVAL**

The Chief of Police or the authorized designee shall obtain approval from the governing body by way of an ordinance adopting the military equipment policy (Government Code § 7071(a)(1).

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(b)).

The military equipment policy must be approved by the governing body prior to engaging in any of the following (Government Code § 7071(a)):

- (a) Requesting military equipment made available pursuant to 10 U.S.C. § 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.
- (h) This approval is intended to permit the Department to maintain the quantities of military equipment at the quantities that were last approved by the governing body. Accordingly, the Department can engage in any of the activities listed in 905.6(a)-(g) without seeking additional approval as long as the Department does not exceed the pre-approved quantity.

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(i) **MILITARY EQUIPMENT USE CONSIDERATIONS**

- (a) The military equipment acquired and authorized by the Department is (Government Code § 7071(d) (1)):
- (a) Necessary because there is no reasonable alternative that can achieve the same objective of officer and civilian safety.
  - (b) The military equipment use policy will safeguard the public's welfare, safety, civil rights, and civil liberties.
  - (c) Reasonably cost-effective compared to available alternatives, if any, that can achieve the same objective of officer and civilian safety.
  - (d) Military equipment shall only be used by a Department employee only after applicable training, including any course required by the Commission on Peace Officer Standards and Training, has been completed, unless exigent circumstances exist.

### **706.6 COORDINATION WITH OTHER JURISDICTIONS**

Military equipment used by any member of this jurisdiction shall be approved for use and in accordance with this Department policy. Military equipment used by other jurisdictions that are providing mutual aid to this jurisdiction shall comply with their respective military equipment use policies in rendering mutual aid. Situations may arise where the Department may deploy or use military equipment, as defined, owned by other law enforcement agencies. The Department hereby adopts the military equipment use policy as is approved, and may be amended from time to time, under Government Code section 7070 et seq., for jurisdictions that the Department may engage with to provide mutual aid. This section is in no way a limitation to the ability of the Department to deploy or use the military equipment of another jurisdiction.

### **706.7 ANNUAL REPORT**

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

The Chief of Police or the authorized designee should also make each annual military equipment report publicly available on the Department website for as long as the military equipment is available for use. The report shall include all information required for the preceding calendar year for each type of military equipment in department inventory (Government Code § 707).

The annual military equipment report shall, at a minimum, include the following information for the immediately preceding calendar year for each type of military equipment:

- (a) A summary of how the military equipment was used and the purpose of its use.
- (b) A summary of any complaints or concerns received concerning military equipment.

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- (c) The results of any internal audits, any information about violations of the military equipment use policy, and any actions taken in response.
- (d) The total annual cost of each type of military equipment, including acquisition, personnel training, transportation, maintenance, storage, upgrade, and other ongoing costs, and from what source funds will be provided for the military equipment in the calendar year following submission of the annual military equipment report.
- (e) The quantity possessed for each type of military equipment.
- (f) If the law enforcement agency intends to acquire additional military equipment in the next year, the quantity sought for each type of military equipment.

### **706.8 COMMUNITY ENGAGEMENT**

Within 30 days of submitting and publicly releasing the annual report, the Department shall hold at least one well-publicized and conveniently located community engagement meeting, at which the general public may ask questions regarding the annual military equipment report and the law enforcement agency's funding, acquisition, or use of military equipment (Government Code § 7072(b)).

## Attachments

## All UCs Inventory.pdf

Categories and Descriptions	UCB	UCD	UCI	UCLA	UCM	UCR	UCSD	UCSF	UCSB	UCSC	Total
<b>Category 1 - Unmanned, remote Piloted, Powered Aerial or Ground Vehicles</b>											
<i>Remotec Andros F6A Robot</i>	1	0	0	0	0	0	0	0	0	0	1
<b>Category 5 - Command and Control Vehicles that are either built or modified to facilitate operational control and direction of public safety units</b>											
<i>Command Post - Vehicle</i>	1	0	0	0	0	0	0	0	0	0	1
<b>Category 7 - Battering Rams, Slugs, and Breaching Apparatuses</b>											
<i>Royal 12 GA. Shotgun Frangible Breaching Rounds</i>	0	0	0	193	0	0	0	0	0	0	193
<b>Category 8 - Firearms and Ammunition of .50 caliber or greater, excluding standard issue shotguns and standard issue shotgun ammunition</b>											
<i>Remington 870 12 Ga. Shotgun (Breaching or Bean Bag Use Only)</i>	13	0	0	1	0	5	10	0	0	0	29
<b>Category 11 - Noise-Flash Diversionary Devices and Explosive Breaching Tools</b>											
<i>Royal 12 GA. Shotgun Flash Bang Rounds</i>	0	0	0	12	0	0	0	0	0	0	12
<i>Def-Tec Multi-port Plus II Distraction Device Model #8922</i>	0	0	0	0	0	0	0	10	0	0	10
<b>Category 12 - Munitions Containing Tear Gas or OC Excluding Standard Service Issued Hand-Held Pepper Spray</b>											
<i>FN Herstal 303-5 18mm Rounds (PAVA/OC)</i>	480	100	0	0	120	0	135	1500	0	120	2455
<i>Def-Tec 40mm Direct Impact Munition Model #6320 (OC)</i>	5	0	0	50	5	0	0	4	0	5	69
<i>Def-Tec 40mm Direct Impact Munition Model #6322 (CS)</i>	5	0	0	0	5	0	0	18	0	5	33
<i>FTC PAVA Capsaicin Rounds</i>	0	0	0	1875	0	0	1210	0	0	0	3085
<i>Def-Tec MK-9 Pepper Spray (OC) Canisters, Model #5099</i>	8	0	0	0	0	0	0	0	0	6	14
<i>Sabre MK-9 Pepper Spray (OC) Canister Model 91H2060</i>	0	0	6	0	0	0	8	0	0	0	14



<i>Def-Tec Riot Control Continuous Discharge Canister Model #1082</i>	0	2	0	0	0	0	0	0	0	0	2
<b>Categories and Descriptions</b>	<b>UCB</b>	<b>UCD</b>	<b>UCI</b>	<b>UCLA</b>	<b>UCM</b>	<b>UCR</b>	<b>UCSD</b>	<b>UCSF</b>	<b>UCSB</b>	<b>UCSC</b>	<b>Total</b>
<b>Category 13 - Taser Shockwave, Microwave Weapons, Water Cannons, and Long Range Acoustic Devices</b>											
<i>Long Range Acoustic Device (LRAD)</i>	1	1	1	2	1	1	1	1	1	1	11
<b>Category 14 - Kinetic Energy Weapons and Munitions</b>											
<i>FN Herstal 303 Launcher</i>	5	1	1	1	1	5	1	4	1	1	21
<i>FN Herstal 303-3 18mm Rounds (Washable Paint)</i>	390	100	200	0	0	200	150	2400	120	200	3760
<i>Def-Tec/LMT 40mm Launcher (Models #1327, #1425, #1426, # ? )</i>	4	5	13	18	1	1	1	14	15	11	83
<i>Def-Tec 40mm eXact Impact Munition Model #6325</i>	100	100	150	120	7	20	62	281	356	55	1251
<i>Def-Tec 40mm Direct Impact Marking Munition Model #6326</i>	0	0	0	50	0	0	0	0	0	0	50
<i>Def-Tec 40mm Bean Bag Round Model #6025</i>	0	0	0	0	0	0	0	22	0	0	22
<i>FTC Pepper ball Rifle</i>	0	0	0	4	0	0	2	0	0	0	6
<i>Def-Tec 12 Ga. Bean Bag Rounds Model #3027</i>	625	0	0	0	0	0	168	0	0	0	793
<i>Accusox 12ga. Bean Bag Rounds</i>	0	0	0	0	0	233	0	0	0	0	233

**CATEGORY 8 FIREARMS AND AMMUNITION  
OF .50 CALIBER OR GREATER EXCLUDING  
STANDARD-ISSUE SHOTGUNS AND THE  
STANDARD ISSUE SHOTGUN AMMUNITION.pdf**

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CATEGORY 8 FIREARMS AND  
AMMUNITION OF .50 CALIBER OR  
GREATER EXCLUDING STANDARD-ISSUE  
SHOTGUNS AND THE STANDARD ISSUE

**CATEGORY 12 MUNITIONS CONTAINING TEAR  
GAS OR O.C. EXCLUDING STANDARD SERVICE-  
ISSUED HAND-HELD PEPPER SPRAY.pdf**

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CATEGORY 12 MUNITIONS CONTAINING  
TEAR GAS OR O.C. EXCLUDING  
STANDARD SERVICE-ISSUED HAND-HELD  
PEPPER SPRAY.pdf - 9

**CATEGORY 13 TASER SHOCKWAVE  
MICROWAVE WEAPONS WATER CANNONS  
AND LONG-RANGE ACOUSTIC DEVICES.pdf**

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CATEGORY 13 TASER SHOCKWAVE  
MICROWAVE WEAPONS WATER  
CANNONS AND LONG-RANGE ACOUSTIC  
DEVICES.pdf - 10

## Category 14 KINETIC ENERGY WEAPONS AND MUNITIONS.pdf

## CATEGORY 12 – MUNITIONS CONTAINING TEAR GAS OR O.C., EXCLUDING STANDARD, SERVICE-ISSUED HAND-HELD PEPPER SPRAY

**Type:** FN 303 PAVA/OC Projectiles

**Quantity:** 2,455

**Cost:** \$6-\$7 each, annual costs \$0 to \$6,000 annually.

**Lifespan:** Three year shelf life

**Capability:** To compel an individual to cease their actions when such munitions present a reasonable option. Effective range 50 to 100 meters.

### Manufacturer Description:



**PAVA/OC Powder**

Dedicated to reducing lethality, the basis of the FN 303 lies in its unique projectiles. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less-lethal systems.

The primary effect of the projectile is trauma, which directly neutralizes the aggressor. Secondary effects from the projectiles can be delivered via a chemical payload depending on mission requirements.

This 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.

This 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.

**Purpose:** To limit the escalation of conflict where the deployment of lethal force is prohibited or undesirable. Situations for using a less-lethal weapon system may include but are not limited to self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents. Circumstances where a tactical advantage can be obtained. Potentially vicious animals. Training exercises or approved demonstrations.

**Legal:** Use of Force Policy, Crowd Demonstration and Management Policy, Control Devices and Techniques.

**Training:** All department personnel utilizing FN-303 launchers and projectiles are trained in their use by POST/STC certified less-lethal and/or chemical agent instructors.

**Type: Def-Tec 40mm Direct Impact Munition Model #6320 (OC)**

**Quantity:** 69

**Cost:** Approximately \$30.50 - \$32.00 each. Annual costs \$0 to \$2,100 annually

**Lifespan:** Five years from the date of manufacture

**Capability:** The 40mm Direct Impact OC Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 120 feet from the target.



**Manufacturers Description:** The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with OC powder, the Direct Impact combines blunt trauma with the effects of an irritant powder, maximizing the potential for incapacitation.

**Purpose:** To limit the escalation of conflict where the deployment of lethal force is prohibited or undesirable. Situations for using a less-lethal weapon system/chemical agent may include but are not limited to self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents.

**Legal:** Use of Force Policy, Crowd Demonstration and Management Policy, Control Devices and Techniques.

**Training:** All department personnel utilizing 40mm launchers and projectiles are trained in their use by POST/STC certified less-lethal and chemical agent instructors.

**Type: Def-Tec 40mm Direct Impact Munition Model #6322 (CS)**

**Quantity:** 33

**Cost:** Approximately \$30.50 - \$32.00 each. Annual costs \$0 to \$1,056 annually

**Lifespan:** Five years from the date of manufacture

**Capability:** The 40mm Direct Impact CS Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 120 feet from the target.



**Manufacturers Description:** The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with CS powder, the Direct Impact combines blunt trauma with the effects of an irritant powder, maximizing the potential for incapacitation.

**Purpose:** To limit the escalation of conflict where the deployment of lethal force is prohibited or undesirable. Situations for using a less-lethal weapon system/chemical agent may include but are not limited to self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents.

**Legal:** Use of Force Policy, Crowd Demonstration and Management Policy, Control Devices and Techniques.

**Training:** All department personnel utilizing 40mm launchers and projectiles are trained in their use by POST/STC certified less-lethal and chemical agent instructors.



## Type: FTC PAVA Capsaicin Rounds

**Quantity:** 3,085

**Cost:** Approximately \$1.70 to \$2.50 each. Annual costs \$0 to \$5,244 annually

**Lifespan:** Three years from the date of manufacture

**Capability:** Pepper ball launchers give officers the ability to address an armed and/or violent suspect(s) with a non-lethal munition that delivers both chemical agent and kinetic energy impact. This combination can be extremely effective in gaining compliance or reducing threat potential with an armed and/or violent suspect(s). Due to its design, pepper balls can be delivered from a larger standoff distance allowing for an added degree of officer safety. Its high round capability and accuracy allow for its use in a wide variety of operational environments.



**Manufacturers Description:** PepperBall's most potent and powerful concentration of PAVA pepper powder. One round of LIVE-X™ contains the equivalent PAVA irritant chemical agent in 10 regular PepperBall® LIVE™ rounds.

**Features:**

100% waterproof

Shell color indicated payload

Formula: 5% PAVA powder

Operational temps of -30°F to 150°F

Used for direct impact and area saturation

Proudly made in the USA

**Purpose:** A non-lethal munitions system that employs paintball launchers to fire "pepper balls" that contain powdered OC in place of the paint. The pepper ball delivery system combines chemical agent exposure

with kinetic energy impact to aid in its effectiveness in addressing armed and/or violent individuals or crowds. Pepper ball munitions also include glass-breaking rounds and marking rounds. To limit the escalation of conflict where the deployment of lethal force is prohibited or undesirable. Situations for using a less-lethal weapon system/chemical agent may include but are not limited to self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents.

**Legal:** Use of Force Policy, Crowd Demonstration and Management Policy, Control Devices and Techniques.

**Training:** Prior to deploying the Pepper Ball Launcher and Munitions, Officers must complete a POST-certified course in the operation of the Pepper Ball Launcher. Additionally, all members that operate any Less-Lethal Devices are required to pass a qualification course of instruction.

**Type: Def-Tec MK-9 OC Spray Canisters**

**Quantity:** 14

**Cost:** \$58 to \$62 each. Annual costs \$0 to \$868 annually

**Lifespan:** 5 years from manufacturing date.

**Capability:** Intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft.



**Manufacturers Description:** The MK-9 features an easy-to-use trigger handle, is intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.

Non-flammable / Electronic Discharge Weapon (EDW) safe.

**Purpose:** To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for the use of the less-lethal weapon systems may include but are not limited to self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents. Circumstances where a tactical advantage can be obtained. Potentially vicious animals, training exercises or approved demonstrations.

**Legal:** Use of Force Policy, Crowd Demonstration and Management Policy, Control Devices and Techniques.

**Training:** All members attend a POST-certified Basic Academy that includes instruction and certification on chemical agents (Learning Doman 35). Officers receive periodic chemical agent update training.

## Type: Sabre MK-9 Pepper Spray (OC) Canisters Model 91H2O60

**Quantity:** 14

**Cost:** \$45 to \$59 each. Annual costs \$0 to \$826 annually

**Lifespan:** 5 years from manufacturing date

**Capability:** Intended for use in crowd management and will deliver 14 short bursts of OC at an effective range of 18-20 ft.



**Manufacturers Description:** SABRE's MK-9 was designed for crowd management and cell extractions and can be carried in cruisers or with a convenient thigh holster. High Volume Streamer fire up to 8–10 meters.

Sabre pepper spray are recognized as the best and strongest solutions available on the world market. They are used by many law enforcement units around the world. Gas formula is based on natural ingredients: red pepper and paprika, does not causing serious side effects.

Pepper spray also works on people under the influence of alcohol or drugs. Each tank of gas contains components visible in ultraviolet light, which allows for later identification of the assailant by the Police Officers.

Flip-top protection is quick and easy to use even in situations of high stress and provides reliable protection against accidental use. Especially recommended for uniformed services personnel and private security agencies.

Features:

- Capacity: 473 ml
- Nozzle: High Volume Stream)
- Active ingredients: Capsicum Oleoresin 10%
- Power: 2,000,000 SHU (Scoville Heat Units)
- Dimensions: 264 mm x 143 mm
- Contains components visible in ultraviolet light
- Weight: 621g
- Range: 8-10 meters
- Gas propellant: Nitrogen
- 1.33% Major Capsaicinoids

**Purpose:** To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Situations for the use of the less-lethal weapon systems may include but are not limited to self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents. Circumstances where a tactical advantage can be obtained. Potentially vicious animals, training exercises or approved demonstrations.

**Legal:** Use of Force Policy, Crowd Demonstration and Management Policy, Control Devices and Techniques.

**Training:** All members attend a POST certified Basic Academy that includes instruction and certification on chemical agents (Learning Domain 35). Officers receive periodic chemical agent update training.

## Type: Def-Tec Riot Control Continuous Discharge Canister Model #1082

**Quantity:** 2

**Cost:** Approximately \$30 to \$32 each. Annual costs are \$0 to \$100 annually

**Lifespan:** 5 years from the date of manufacture

**Capability:** Hand thrown or launchable device that produces a high volume of CS tear gas which has immediate respiratory effects, however much short recovery time than OC and vision clarity is maintained so effected persons can remove themselves from the area impacted.



**Manufacturers Description:** The Riot Control CS Grenade is designed specifically for outdoor use in crowd control situations with a high-volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This grenade can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.

**Purpose:** Lawful application of force delivered with the intent to subdue or render non-threatening. The less-lethal munitions may be used as an option to de-escalate a potentially dangerous/deadly situation, with a reduced potential for death or serious injury to all persons involved. It is accepted that the probability exists for bodily harm to occur.

However, it must also be accepted that the application of such force may be the only alternative to using lethal force to stop the subject's actions. Situations where the deployment of less-lethal impact or munitions are authorized include but are not limited to self-destructive, dangerous, and/or combative individuals. Riot/crowd control and civil unrest incidents where the criminal behavior involved exceeds a failure to disburse. Circumstances where a tactical advantage can be obtained

**Legal:** All members attend a POST-certified Basic Academy that includes instruction and certification on chemical agents (Learning Doman 35). Officers receive periodic chemical agent update training. In addition, users of hand-held chemical agent devices must attend a POST-certified chemical agent instructor course.

**Training:** Prior to deploying Chemical Agents, members must complete a POST-certified course in the operation of Chemical Agent and Smoke Canisters. Additionally, all members that operate any Less-Lethal Devices are required to pass a qualification course of instruction according to department policy.

## Category 14 – KINETIC ENERGY WEAPONS AND MUNITIONS

**Type:** FN Herstal 303 Launcher

**Quantity:** 19

**Cost:** \$1,300 each unit, \$0 to less than \$100 per unit annually.

**Lifespan:** No lifespan indicated by the manufacturer. Lifespan varies on operational usage and wear.

**Capability:** The FN-303 Less-Lethal Launcher is a semi-automatic, shoulder-fired device that fires non-lethal munitions and liquids. The device is powered by compressed air to fire the projectiles, which are loaded into an attached 15-round drum magazine.

Projectiles provide blunt impact, marking, and oleoresin capsicum (OC) effects to deny access, move, and/or suppress individuals from 5–100 meters. The FN 303® is used for crowd control.

### **Manufacturer Description:**

The FN 303® Less Lethal Launcher is constructed from durable, lightweight polymer with comfortable ergonomics and an easy to operate safety. The FN 303® Launcher is equipped with both flip-up iron sights and an integrated MIL-STD-1913 top mounting rail for optical or electronic sights or other accessories.

The lightweight polymer magazine holds 15 projectiles and offers a clear rear cover to allow the operator to instantly verify both the payload type and the number of projectiles remaining. Easy-to-change air bottle provides approximately 110 shots per filling Molded polymer frame, pistol grip, and buttstock Flip-up iron sights (note: shown with red dot) Top-mounted MIL-STD-1913 rail for optical or electronic sights of other accessories.

Manual safety lever inside trigger guard Large magazine release button Large airflow on/off valve Braided steel air supply line 15 projectile polymer magazine with clear rear cover Magazine is speedloader compatible Weight: 8.0 lbs. with fully charged air bottle in stand-alone configuration Weight: 5.0 lbs. (empty) in stand-alone configuration eight: 4.9 lbs. (empty) in undercarriage configuration.



**Purpose:** The FN303 is a less-lethal, semi-automatic launcher that uses compressed air and launches plastic sphere projectiles from a 15-round drum magazine. The plastic spheres burst on impact and releases paint or contain PAVA powder (The name "PAVA" stands for Pelargonic Acid Vanillyl Amide, also called Nonivamide, and is the organic compound characteristically in natural chili pepper). The OC powder can effectively control, dissuade or disperse an individual(s) engaged in violent or riotous behavior.

**Legal:** Use of Force Policy, Crowd Demonstration and Management Policy, Control Devices and Techniques.

**Training:** Officers authorized to carry and use the FN-303 must have completed the POST-approved Less-Lethal Instructor course.

**Type: FN Herstal 303-3 18mm Rounds (Washable Paint)**

**Quantity:** 3,640

**Cost:** Approximately \$5.10 each, \$0 to \$6,000 per year

**Lifespan:** Shelf life three years

**Capability:** To compel individuals to cease their actions when such munitions present a reasonable option. Effective range 50 to 100 meters.



**Manufacturer Description:** This projectile is intended for training and for marking suspects and objects with a washable colorant. Completely dedicated to reducing lethality, the basis of the FN 303® concept lies in its unique projectiles. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less-lethal systems. The primary effect of the projectile is trauma, which directly neutralizes the aggressor. Secondary effects from the projectiles can be delivered via a chemical payload depending on mission requirements.

**Purpose:** To limit the escalation of conflict where the deployment of lethal force is prohibited or undesirable. Situations for using a less-lethal weapon system may include but are not limited to self-destructive, dangerous and/or combative individuals. Riot/crowd control and civil unrest incidents. Circumstances where a tactical advantage can be obtained. Potentially vicious animals. Training exercises or approved demonstrations.

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** All department personnel utilizing 303 launchers and projectiles are trained in their use by POST/STC certified less-lethal and chemical agent instructors.



**Type: Def-Tec/LMT 40mm Launcher (Models #1426, #1425, #1327)**

**Quantity:** 83

**Cost:** Approximately \$1,300 each, \$0 to less than \$50 per unit annually.

**Lifespan:** No lifespan indicated by the manufacturer. Lifespan varies on operational usage and wear.

**Capability:** 40mm launchers are capable of firing a variety of munitions with a maximum effective range of one hundred twenty (120) feet. 40mm launchers can deliver 40mm munitions in the form of chemical agents, sponge baton rounds, or combined use sponge baton OC chemical agent rounds.

**Manufacturer Description: (Model #1426/40LMTS)** The 40LMTS is a tactical 40mm single-shot launcher that features a folding stock and an adjustable Integrated Front Grip (IFG) with a light rail. The Ambidextrous Lateral Sling Mount (LSM) and QD mounting systems allow both a single and two-point sling attachment. The 40LMTS will fire standard 40mm Less Lethal ammunition, up to 4.8 inches in cartridge length. This weapon is NOT designed to fire 40mm High-Velocity HE ammunition. The Picatinny Rail Mounting System will accept a wide array of enhanced optics/sighting systems.



**(Model #1425 40mm LMT)** Manufactured exclusively for Defense Technology®, the 40LMTS is a tactical single-shot launcher that features an expandable ROGERS Super Stock and an adjustable Integrated Front Grip (IFG) with light rail.

The ambidextrous Lateral Sling Mount (LSM) and QD mounting systems allow both a single and two-point sling attachment. The 40LMTS will fire standard 40mm less-lethal ammunition, up to 4.8 inches in cartridge length. The Picatinny Rail Mounting System will accept a wide array of enhanced optics/sighting systems.



**(Model #1327 40mm)** The 40mm single-shot launcher that features an open-top, single shot, breech fed system, offers a single and double action trigger, 40mm rifled barrel that enhances the superb accuracy of the munitions, 12" Picatinny rails (top and bottom) w/ front and rear pop-up adjustable sights, rail-mounted fore-grip, folding stock w/adjustable cheek piece and grip, prismatic powders black cerakote finish.



**Purpose:** 40mm launchers utilized with less-lethal sponge rounds may be deployed to impact subjects demonstrating assaultive behavior or life-threatening behavior. 40mm launchers utilized with less-lethal sponge rounds may also be used to control an actively resistive subject reasonably believed to possess or have immediate access to a deadly weapon.

The main objectives that officers attempt to achieve in using a 40mm spong round on a subject exhibiting any of the aforementioned criteria are to effect an investigative detention or arrest; control a subject who is in lawful custody; prevent an escape; or protect the officer, the subject, or another person from injury or death.

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** Officers that have been trained in the use of the 40mm single launcher undergo thorough classroom and live-fire training in its use. Additionally, officers trained in using the 40mm single launcher must pass annual qualifications to maintain proficiency.

## Type: Def-Tec 40mm eXact Impact Munition Model #6325



**Quantity:** 1,251

**Cost:** Retail price \$26.50 each, annual costs \$0 to \$6,000 annually

**Lifespan:** 5 years from the date of manufacture

**Capability:** 40mm eXact impact rounds can impact a suspect at a maximum effective range of one hundred twenty (120) feet.

**Manufacturer Description:** The eXact iMpacT™ 40mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting of a plastic body and sponge nose that is spin-stabilized via the incorporated rifling collar and the 40mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant and, therefore, has velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications.



**Purpose:** 40mm ammunition used in conjunction with 40mm launchers may be deployed to impact subjects demonstrating assaultive behavior or life-threatening behavior.

40mm ammunition used in conjunction with 40mm launchers may also be used to control an actively resistive subject reasonably believed to possess or have immediate access to a deadly weapon within the force guidelines of Department Policy.

The main objectives that officers attempt to achieve in using a 40mm on a subject exhibiting any of the aforementioned criteria are to effect an investigative detention or arrest; control a subject who is in lawful custody; prevent an escape; or protect the officer, the subject, or another person from injury or death.

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** Officers that have been trained in the use of the 40mm impact ammunition in conjunction with the 40mm single launcher undergo thorough classroom and live-fire training in its use. Additionally, officers trained in using the 40mm single launcher must pass annual 40mm qualifications to maintain proficiency.

**Type: Def-Tec 40mm Direct Impact Marking Munition Model #6326**

**Quantity:** 50

**Cost:** Approximately \$20 each, \$0 to \$1,000 annually.

**Lifespan:** 5 years from the date of manufacture

**Capability:** The 40mm Exact Impact Sponge Round provides accurate and effective performance when fired from the approved distance of not less than five (5) feet and as far as 131 feet from the target.

**Manufacturer Description:** The 40mm Direct Impact® munition is a point-of-aim, point-of-impact direct-fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with a green marking agent, the Direct Impact can be used to indicate the aggressor in a crowd or riot situation to the team on the ground.



**Purpose:** the 40mm Bean Bag Round is most suitable in moderately close to medium ranges of fire, approximately 20 to 35 feet. To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** Officers that have been trained in the use of the 40mm impact ammunition in conjunction with the 40mm single launcher undergo thorough classroom and live-fire training in its use. Additionally, officers trained in using the 40mm single launcher must pass annual 40mm qualifications to maintain proficiency.

## Type: Def-Tec 40mm Bean Bag Round Model #6025

**Quantity:** 793

**Cost:** \$5 to \$7 each, \$0 to \$2,000 annually

**Lifespan:** 5 years from the date of manufacture

**Capability:** The 40mm Bean Bag Round is most suitable in moderately close to medium ranges of fire, approximately 20 to 35 feet.



**Manufacturer Description:** The 40mm Bean Bag Round is most widely used as a crowd management tool by Law Enforcement and Corrections when there is a need to target individual instigators. It has also been successfully used as a dynamic, high-energy single subject round for incapacitation or distraction. The round contains one silica sand-filled bag. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37mm black powder counterpart.

**Purpose:** The Defense Technology 40mm impact sponge baton munition is designed to deescalate a potentially violent situation without causing critical injuries where lethal force is prohibited or inadvisable.

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** Officers that have been trained in the use of the 40mm impact ammunition in conjunction with the 40mm single launcher undergo thorough classroom and live-fire training in its use. Additionally, officers trained in using the 40mm single launcher must pass annual 40mm qualifications to maintain proficiency.

## Type: FTC Pepper Ball Rifle

**Quantity:** 6

**Cost:** Approximately \$495 each, no annual maintenance or replacements costs.

**Lifespan:** N/A

**Capability:** The SA 200 and TAC 700 launch new PepperBall 3-gram projectiles at 300-360 feet per second with target accuracy to 60 feet and area saturation with PAVA pepper to 200 feet. An automatic feed system keeps rounds launching consistently and in synchronization with trigger pull speeds and settings.



### Manufacturer Description:

The PepperBall TAC 700 Full Auto launcher brings full automatic capability, with up to 700 rounds per minute, to your non-lethal PepperBall launcher options. The Pepper Ball TAC700 is a compressed air-powered launcher that shoots .68 caliber rounds. Officers can quickly create large pepper clouds for crowd control, barricade busting, or more quickly achieve individual suspect compliance.

Optional trigger settings assure the TAC 700 can be set up to conform to agency policy while giving officers the right capabilities to achieve their goals. Trigger settings include full automatic and semi-automatic. The TAC 700 is our top-of-the-line PepperBall Launcher designed to offer you the right amount of non-lethal firepower you require to control use of force situations that come your way.

- Distance: Target accurate up to 60 feet, area saturation out to 150 ft.
- Speed: Quickly deploy PAVA rounds at up to 700 rounds per minute
- Versatility: Enhance officer safety and effectiveness in crowd control, jail barricade busting, domestic violence, suicide by cop, and many other one-to-one or one-to-many non-lethal situations
- Maneuverability: The forward-mounted high-pressure air bottle allows for greater maneuverability and mobility in tactical situations
- Variable Fire Power: Automatic feed system keeps rounds launching consistently while variable trigger settings allow you to conform to agency policy while giving officers the right capabilities to achieve all of their goals

The SA200 is an air-powered, hopper-fed PepperBall Launcher that operates from the open bolt position. In order for the SA200 to launch projectiles, the bolt must be in the rear and locked position. The charging handle, located on the left rear side of the launcher, must be in the rear locked position prior to pressurizing the system or pulling the trigger. Specific information is contained below.

Model ..... PepperBall SA200  
Caliber ..... .68  
Action (open bolt, blowback) .... Semi-automatic  
Power ..... High-pressure air  
Hopper Capacity ..... 200 rounds  
Cycle Rate ..... 7 rounds per second  
Barrel Length ..... 10.5 inches  
Overall Length (with barrel and no tank) ..... 20.63 inches  
Weight ..... 2.56 pounds  
Effective Range ..... Target–30 feet  
Area Saturation–100 feet

**Purpose:** The SA200 and TAC 700 Pepperball 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.

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

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

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** Sworn members utilizing PepperBall launchers and projectiles are trained in the use by a POST-certified less-lethal and chemical agents instructors.



**Type: Def-TEC Bean Bag Munitions Model #3027**

**Quantity:** 793

**Cost:** Approximate cost is \$6 each, annual costs \$0 to \$3,000 annually

**Lifespan:** Five years from the date of manufacture

**Capability:** Beanbag shotguns are capable of firing a 12-gauge beanbag round with a maximum effective range of range of 75 feet feet.



**Manufacturer Description:** The Drag Stabilized™ 12-Gauge Round is 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. This design utilizes four stabilizing tails and utilizes smokeless powder as the propellant. The 12-Gauge Drag Stabilized Round has secured its place as the Law Enforcement Communities' number one choice for specialty impact munitions. This round has a velocity of 270 fps with a maximum effective range of 75 feet.

**Purpose:** Beanbag shotguns utilized with beanbag rounds may be deployed to impact subjects demonstrating assaultive behavior or life-threatening behavior. Beanbag shotguns utilized with beanbag rounds may also be used to control an actively resistive subject reasonably believed to possess or have immediate access to a deadly weapon.

The main objectives that officers attempt to achieve in using a beanbag round on a subject exhibiting any of the aforementioned criteria are to effect an investigative detention or arrest; control a subject who is in lawful custody; prevent an escape; or protect the officer, the subject, or another person from injury or death.

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** Officers that have been trained in the use of the beanbag shotgun undergo thorough classroom and live-fire training in its use. Additionally, officers trained in the use of the beanbag shotgun must pass annual qualifications to maintain proficiency.

**Type: West Coast Ammunition Accusox Bean Bag Rounds**

**Quantity:** 233

**Cost:** Approximate cost of \$7 each, annual costs \$0 to \$3,000 annually.

**Lifespan:** Not Available

**Capability:** Beanbag shotguns are capable of firing a 12-gauge beanbag round with a maximum effective range of sixty (60) feet.

**Manufacturer Description:** None available



**Purpose:** Beanbag shotguns utilized with beanbag rounds may be deployed to impact subjects demonstrating assaultive behavior or life-threatening behavior. Beanbag shotguns utilized with beanbag rounds may also be used to control an actively resistive subject reasonably believed to possess or have immediate access to a deadly weapon.

The main objectives that officers attempt to achieve in using a beanbag round on a subject exhibiting any of the aforementioned criteria are to effect an investigative detention or arrest; control a subject who is in lawful custody; prevent an escape; or protect the officer, the subject, or another person from injury or death.

**Legal:** Use of Force policy, Crowd and Demonstration Management policy, Control Devices and Techniques policy, First Amendment Assemblies policy.

**Training:** Officers that have been trained in the use of the beanbag shotgun undergo thorough classroom and live-fire training in its use. Additionally, officers trained in the use of the beanbag shotgun must pass annual qualifications to maintain proficiency.

## CATEGORY 13 – TASER SHOCKWAVE, MICROWAVE WEAPONS, WATER CANNONS, AND LONG-RANGE ACOUSTIC DEVICES.

**Type:** Long Range Acoustic Device (LRAD)

**Quantity:** 10

**Cost:** \$9,700 each, no annual operating expense

**Lifespan:** No expiration provided by the manufacturer

### **Capability:**

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

### **Manufacturer Description:**

The LRAD 100X is a self-contained, portable communication system for on-scene and tactical communication. With unparalleled vocal clarity and up to 30db louder than bullhorns, megaphones, and vehicle P.A. systems, the LRAD 100X is four to six times louder than other acoustic hailers of comparable size and weight.

LRAD's optimized driver and waveguide technology ensure every message is clearly broadcast, heard and understood, even above engine, crowd, siren, and background noise. The LRAD warning tone commands attention to the voice messages that follow and provides a safer alternative to non-lethal and kinetic measures for changing behavior.





**Purpose:**

The Long-Range Acoustic Device (LRAD) is a self-contained loudspeaker system used for communicating and warning people over large areas. The LRAD delivers clear and highly comprehensible sound up to 600 meters.

LRAD's proprietary audio technology focuses sound in a 30° beam in front of its Long-Range Acoustic Devices (LRADs). This ensures that individuals in large crowds, as well as people spread out over large areas with competing noises and audible distractions, can hear and clearly understand the message.

The LRAD device facilitates communication in evacuation scenarios, emergency messages to the public, hazardous warnings, and information to large crowds. Coastal communities have utilized the LRAD devices for Tsunami warnings and to provide lifeguards with the ability to communicate clearly with swimmers in the water.

The LRAD emits a noise that causes a piercing tone, which has been a criticism of the system by protestors in communities where it has been used for crowd control.

**Legal:** It is the policy of the department to use this device only for official law enforcement purposes, and pursuant to State and Federal law and the LRAD policy.

**Training:** All operators receive training before operating any LRADs in the field.

## CATEGORY 8 – FIREARMS AND AMMUNITION OF .50 CALIBER OR GREATER, EXCLUDING STANDARD-ISSUE SHOTGUNS AND STANDARD-ISSUE SHOTGUN AMMUNITION

**Type:** Remington 870 Shotgun (Modified for breaching ammunition)

**Quantity:** 1

**Cost:** Approximately \$800. Annual maintenance is estimated to be \$0 to \$25.

**Lifespan:** 25 years

**Capability:** Breaching -This firearm allows a breacher to safely defeat locks, hinges and door hardware by using a breaching round(s) utilize shotgun breaching round.

**Manufacturer Description:** The Remington Model 870™ is a pump-action shotgun design with ultimate strength, durability, silky-smooth bind-free action, and sleek, classical lines. As one of the most popular shotguns, the Model 870 is offered in dozens of configurations to suit hundreds of applications. Royal Arms Breaching Shotgun starts out with the Remington 870 Express Synthetic 12 Ga Shotgun as its base. We then completely modify it with our custom CNC machined parts to be the ultimate Breaching Shotgun.

**Purpose:** The modified 12 gauge Remington 870 shotgun is designed to fire a copper or clay compressed frangible projectiles through door locking mechanisms and hinges. After defeating a door's hardware, the projectile disintegrates, mitigating the risk of potential injury to bystanders.

**Legal:** UCLA Policy 307 – Firearms.

**Training:** Specific officers are trained as breachers and receive training to safely deploy and operate the breaching shotgun through in-house breaching instructors. Officers deploying a breaching shotgun have completed all necessary training and demonstrated proficiency in its use. Instructors teach a standardized curriculum to address manual breaching and shotgun breaching rounds.



## Type: Remington 870 Shotgun (Bean Bag deployment)

**Quantity:** 18

**Cost:** Approximately \$500. Annual maintenance is estimated to be \$0 to \$25.

**Lifespan:** 25 years

**Capability:** Beanbag shotguns are capable of firing a 12-gauge beanbag round with a maximum effective range of sixty (60) feet.

**Manufacturer Description:** The Remington Model 870™ is a pump-action shotgun design with ultimate strength, durability, silky-smooth bind-free action, and sleek, classical lines. As one of the most popular shotguns, the Model 870 is offered in dozens of configurations to suit hundreds of applications.

**Purpose:** Beanbags are less-lethal munitions used as an option to de-escalate a potentially dangerous/deadly situation, with a reduced potential for death or serious injury to all persons involved.

It is accepted that the probability exists for bodily harm to occur. However, it must also be accepted that the application of such force may be the only alternative to using lethal force to stop the subject's actions. Situations when the deployment of less-lethal beanbags are authorized, but are not limited to, include self-destructive, dangerous, and/or combative individuals.

**Legal:** Use of Force policy, Control Devices and Techniques policy, Less-Lethal policy.

**Training:** Officers that have been trained in the use of the beanbag shotgun undergo thorough classroom and live-fire training in its use and application. Additionally, officers trained in the use of the beanbag shotgun must pass annual qualifications to maintain proficiency and certification.

