

Military Equipment

709.1 PURPOSE AND SCOPE

This policy establishes guidelines for the acquisition, funding, use and reporting of "military equipment", as the term is defined in Government Code § 7070; Government Code § 7071; Government Code § 7072. This policy is provided to fulfill the obligations set forth in Assembly Bill No. 481. These obligations include but are not limited to seeking approval on specific items deemed to be military equipment and requirements related to compliance, annual reporting, cataloging, and complaints regarding these items. The purpose of this policy is to provide guidelines for the approval, acquisition, and reporting requirements of military equipment

709.1.1 DEFINITIONS

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

Governing body – The Board of Supervisors for the County of El Dorado.

Military equipment – Any of a wide variety of items as defined by California Government Code section 7070, subsections (c)(1) through (c)(16)

709.2 POLICY

It is the policy of the El Dorado County Sheriff's Office that there be legally enforceable safeguards, including transparency, oversight, and accountability measures in place to protect the public's welfare, safety, civil rights, and civil liberties before military equipment is funded, acquired, or used.

709.3 GENERAL

1. The Sheriff's Office shall obtain approval of the Governing Body annually prior to engaging in any of the following activities:
 - (a) Requesting military equipment made available pursuant to Section 2576a of Title 10 of the United States Code.
 - (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 territorial jurisdiction of the governing body.
 - (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 pursuant to policy.

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- (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.
2. In seeking the approval of the governing body, the Sheriff's Office shall submit a proposed military equipment use policy, or subsequent amendments, to the Governing Body and the public via the law enforcement agency's internet website at least 30 days prior to any public hearing concerning the military equipment at issue.

709.4 FINDINGS OF THE GOVERNING BODY AND REQUIRED TRAINING

1. The Governing Body, by virtue of an ordinance adopted in accordance with applicable law, has determined that:
 - (a) The military equipment currently possessed and/or authorized to be acquired by the Sheriff's Office is necessary because there is no reasonable alternative that can achieve the same objective of deputy and civilian safety.
 - (b) This policy will safeguard the public's welfare, safety, civil rights, and civil liberties.
 - (c) The equipment is reasonably cost effective compared to available alternatives that can achieve the same objective of deputy and civilian safety.
 - (d) Prior military equipment use complied with the military equipment use policy that was in effect at the time, or if prior uses did not comply with the accompanying military equipment use policy, corrective action has been taken to remedy nonconforming uses and ensure future compliance.
2. Military equipment shall be used by a Sheriff's Office employee only after applicable training, including any course required by the Commission on Peace Officer Standards and Training (POST), has been completed, unless exigent circumstances arise.

709.5 MILITARY EQUIPMENT REPORTING

1. The Sheriff's Office shall submit an annual military equipment report and use policy to the Governing Body that addresses each type of military equipment possessed by the Department.
2. The Sheriff's Office shall also make each annual military equipment report and use policy publicly available on its internet website for as long as the military equipment is available for use.
3. The annual military equipment report and use policy shall, at a minimum, include the following information for the immediately preceding calendar year for each type of military equipment:
 - (a) A description of each type of military equipment, the quantity sought, its capabilities, expected lifespan, and product descriptions from the manufacturer of the military equipment. (Gov Code 7070)
 - (b) The purposes and authorized uses for which the law enforcement agency or the state agency proposes to use each type of military equipment. (Gov Code

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- (c) The fiscal impact of each type of military equipment, including the initial costs of obtaining the equipment and estimated annual costs of maintaining the equipment. (Gov Code 7070)
- (d) The legal and procedural rules that govern each authorized use. (Gov Code 7070)
- (e) The training, including any course required by the Commission on Peace Officer Standards and Training, that must be completed before any officer, agent, or employee of the law enforcement agency or the state agency is allowed to use each specific type of military equipment to ensure the full protection of the public's welfare, safety, civil rights, and civil liberties and full adherence to the military equipment use policy. (Gov Code 7070)
- (f) The mechanisms to ensure compliance with the military equipment use policy, including which independent persons or entities have oversight authority, and, if applicable, what legally enforceable sanctions are put in place for violations of the policy. (Gov Code 7070)
- (g) For a law enforcement agency, the procedures by which members of the public may register complaints or concerns or submit questions about the use of each specific type of military equipment, and how the law enforcement agency will ensure that each complaint, concern, or question receives a response in a timely manner. (Gov Code 7070)
- (h) A summary of how the military equipment was used and the purpose of its use. (Gov Code 7072)
- (i) A summary of any complaints or concerns received concerning the military equipment. (Gov Code 7072)
- (j) The results of any internal audits, any information about violations of the military equipment use policy, and any actions taken in response. (Gov Code 7072)
- (k) The total annual cost for 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. (Gov Code 7072)
- (l) The quantity possessed for each type of military equipment. (Gov Code 7072)
- (m) If the Sheriff's Office intends to acquire additional military equipment in the next year, and the nature of those items is known, the quantity sought for each type of military equipment. (Gov Code 7072)
- (n) Within 30 days of submitting and publicly releasing an annual military equipment report, the Sheriff's Office shall hold at least one well-publicized and conveniently located community engagement meeting, at which the public may discuss and ask questions regarding the annual military equipment report and the Sheriff's Office funding, acquisition, or use of military equipment. This shall occur as a part of the Sheriff's Office presentation to the Governing Body regarding the above-described annual military equipment report. (Gov Code 7072)

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709.6 CATALOGING OF MILITARY USE EQUIPMENT

All military use equipment kept and maintained by the El Dorado County Sheriff's Office shall be cataloged in a way which addresses each of the following requirements:

1. The manufacturer's description of the equipment.
2. The capabilities of the equipment.
3. The purposes and authorized uses for which the Sheriff's Office proposes to use the equipment.
4. The expected lifespan of the equipment.
5. The fiscal impact of the equipment, both initially and for on-going maintenance.
6. The quantity of the equipment, whether maintained or sought.

709.7 COMPLIANCE

1. The Sheriff or their designee will ensure that all Sheriff's Office employees comply with this policy. The Sheriff's Office will conduct an annual audit with the assistance of the Support Services Division. The Division Commander will be notified of any policy violations and, if needed, the violation(s) will be referred to the Internal Affairs Division and handled in accordance with EDSO Policy 340 (Disciplinary Policy). All instances of non-compliance will be reported to the Governing Body via the annual military equipment report.
2. Any member of the public can register a question or concern regarding military use equipment by contacting the El Dorado County Sheriff's Office at 530-621-5655. Inquiries will be routed to the Support Services Division. A response to the question or concern shall be completed by the Office in a timely manner. Inquiries will be routed to the Support Services Division. A response to the question or concern shall be completed by the Office in a timely manner.
3. Any member of the public can submit a complaint to any member of the Sheriff's Office and in any form i.e., in person, telephone, email, etc. Once the complaint is received, it should be routed to the Support Services Division in accordance with EDSO Policy 1020 (Personnel Complaint Procedure).

709.8 FUNDING

The Sheriff's Office shall seek Governing Body approval 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.

The Sheriff's Office has authority to apply for funding prior to obtaining Governing Body approval in the case of exigent circumstances. The Sheriff's Office shall obtain Governing Body approval as soon as practicable.

709.9 MILITARY EQUIPMENT INVENTORY

The El Dorado County Sheriff's Office shall maintain a current catalog of existing military equipment that shall be updated annually as part of the Governing Body approval process.

The Governing Body hereby authorizes the use and acquisition (as described in Section 709.11) of the following categories of military equipment.

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1. Unmanned Aircraft Systems (UAS) and Ground Vehicles

(a) DJI Matrice

- i. Description: Unmanned Aircraft System (UAS) with the associated equipment necessary to control it remotely.
- ii. Quantity: 1
- iii. Capability: UAS weighing approximately 8 pounds with advanced camera/zoom capabilities and up to 5 minutes of flight time.
- iv. Life Span: 3-5 years.
- v. Manufacturer's Description: The ultimate platform for aerial productivity combines a rugged design and simple configurability to work as a solution for a variety of industrial applications.
- vi. Purpose: Major collision investigations, Search for missing persons, Natural disaster management, Crime scene photography, SWAT tactical or other public safety and life preservation missions, In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
- vii. Authorized Usage: Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved missions.
- viii. Initial Cost: \$21,158.00
- ix. Ongoing Cost: \$2000, annual maintenance and battery replacement.
- x. Legal and Procedural Rules: Use is established under FAA Regulation 14 CFR Part 107. It is the policy of EDSO to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
- xi. Training: All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend department training to maintain proficiency and an active FAA license.

(b) DJI Inspire

- i. Description: Unmanned Aircraft System (UAS) with the associated equipment necessary to control it remotely.
- ii. Quantity: 2
- iii. Capability: UAS with a single-color camera, weighs approx. 7.5 pounds and has video recording capabilities, approx. 30 minutes of flight time, training use only.
- iv. Life Span: 3-5 years.
- v. Manufacturer's Description: Cinematic aerial performance for filmmakers.
- vi. Purpose: Major collision investigations, Search for missing persons, Natural disaster management, Crime scene photography, SWAT tactical or other public safety and life preservation missions, In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
- vii. Authorized Usage: Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved

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missions.

- viii. Initial Cost: \$1,200
- ix. Ongoing Cost: \$2,000, annual maintenance and battery replacement.
- x. Legal and Procedural Rules: Use is established under FAA Regulation 14 CFR Part 107. It is the policy of EDSO to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
- xi. Training: All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend department training to maintain proficiency and an active FAA license.

(c) DJI Mavic Enterprise

- i. Description: Unmanned Aircraft System (UAS) with the associated equipment necessary to control it remotely.
- ii. Quantity: 3
- iii. Capability: UAS that has a color and infrared camera as well as audible speaker and light. Capable of video recording and weighs 899 grams, approx. 30 minutes of flight time.
- iv. Life Span: 3-5 years.
- v. Manufacturer's Description: Designed to empower a new generation of workers, the Mavic 2 Enterprise is the ultimate expression of a tool that delivers beyond expectation to meet current workplace challenges and future demands.
- vi. Purpose: Major collision investigations, Search for missing persons, Natural disaster management, Crime scene photography, SWAT tactical or other public safety and life preservation missions, In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
- vii. Authorized Usage: Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved missions.
- viii. Initial Cost: \$3,350
- ix. Ongoing Cost: \$2,000, annual maintenance and battery replacement.
- x. Legal and Procedural Rules: Use is established under FAA Regulation 14 CFR Part 107. It is the policy of EDSO to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
- xi. Training: All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend department training to maintain proficiency and an active FAA license.

(d) DJI Mavic Mini

- i. Description: Unmanned Aircraft System (UAS) with the associated equipment necessary to control it remotely.
- ii. Quantity: 4
- iii. Capability: UAS that has 30 minutes of flight time and weighs 49 g.
- iv. Life Span: 3-5 years.
- v. Manufacturer's Description: The everyday flycam.

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- vi. Purpose: Major collision investigations, Search for missing persons, Natural disaster management, Crime scene photography, SWAT tactical or other public safety and life preservation missions, In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
 - vii. Authorized Usage: Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved missions.
 - viii. Initial Cost: \$369
 - ix. Ongoing Cost: \$2,000, annual maintenance and battery replacement.
 - x. Legal and Procedural Rules: Use is established under FAA Regulation 14 CFR Part 107. It is the policy of EDSO to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
 - xi. Training: All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend department training to maintain proficiency and an active FAA license.
- (e) DJI Phantom
- i. Description: Unmanned Aircraft System (UAS) with the associated equipment necessary to control it remotely.
 - ii. Quantity: 2
 - iii. Capability: UAS that weighs approx. 3 pounds, 30 min flight time and a 3-axis gimbal mounted camera and IR capable.
 - iv. Life Span: 3-5 years.
 - v. Manufacturer's Description: Pro-Level Aerial Imaging
 - vi. Purpose: Major collision investigations, Search for missing persons, Natural disaster management, Crime scene photography, SWAT tactical or other public safety and life preservation missions, In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
 - vii. Authorized Usage: Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved missions.
 - viii. Initial Cost: \$1,500
 - ix. Ongoing Cost: \$2,000, annual maintenance and battery replacement.
 - x. Legal and Procedural Rules: Use is established under FAA Regulation 14 CFR Part 107. It is the policy of EDSO to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
 - xi. Training: All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend department training to maintain proficiency and an active FAA license.
- (f) Brinc Lemur
- i. Description: Unmanned Aircraft System (UAS) with the associated equipment necessary to control it remotely.
 - ii. Quantity: 2

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- iii. Capability: UAS weighing 2.4 pounds designed for tactical applications that has 2-way communication ability, white and IR light options, glass break tool, live video, and the ability to push open door partially ajar. Approximate flight time of 31 minutes.
 - iv. Life Span: 3-5 Years
 - v. Manufacturer's Description: The LEMUR 2 has been proven in real-world call-outs. It is a highly-reliable, tactical tool that can help to de-escalate dangerous situations, and save lives.
 - vi. Purpose: Major collision investigations, Search for missing persons, Natural disaster management, Crime scene photography, SWAT tactical or other public safety and life preservation missions, In response to specific requests from local, state or federal fire authorities for fire response and/or prevention.
 - vii. Authorized Usage: Only assigned operators who have completed the required training shall be permitted to operate any UAS during approved missions.
 - viii. Initial Cost: \$16,000
 - ix. Ongoing Cost: \$2,000, annual maintenance and battery replacement.
 - x. Legal and Procedural Rules: Use is established under FAA Regulation 14 CFR Part 107. It is the policy of EDSO to utilize UAS only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
 - xi. Training: All Department UAS operators are licensed by the Federal Aviation Administration for UAS operation. In addition, each operator must attend department training to maintain proficiency and an active FAA license.
- (g) Remotec Andros F6-A
- i. Description: Bomb disposal and utility unmanned ground vehicle (robot).
 - ii. Quantity: 1
 - iii. Capability: F6A is a heavy-duty robot. It has stair climbing ability and an arm capable of lifting 65lbs. The F6A also offers multiple communications options, a chassis and manipulator that allow for accessories and tool combinations, and quick-release pneumatic wheels for rapid width reduction.
 - iv. Life Span: 8-10 years.
 - v. Manufacturer's Description: The "ANDROS" (collectively a part of the RONS- "Remote Ordinance Neutralization System") is a class of remotely-controlled bomb disposal robot used by the American military as well as by SWAT and law enforcement groups.
 - vi. Purpose: To be used to remotely gain visual/audio data, deliver CNT phone, open doors, disrupt packages, and clear buildings.
 - vii. Authorized Usage: Only assigned operators who have been trained shall be permitted to operate the robots. Use is established by the SWAT Team, Bomb Squad Commander and or Incident Commander.
 - viii. Initial Cost: \$215,000
 - ix. Ongoing Cost: \$3,000 annual maintenance and battery replacement cost.
 - x. Legal and Procedural Rules: It is the policy of EDSO to utilize a robot only

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for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.

- xi. Training: All robot operators must complete specialized training prior to operating the robot platforms.

(h) Telerob Telemax Pro

- i. Description: Bomb disposal and utility unmanned ground vehicle (robot).
- ii. Quantity: 1
- iii. Capability: The Telemax Pro is a heavy-duty robot with greater articulation and tool combinations than the Andros counterpart. It has a more compact operating frame, making it better suited for tighter spaces.
- iv. Life Span: 8-10 years.
- v. Manufacturer's Description: With their advanced, specialized precision manipulators, autonomous functionality and intuitive operation, our rugged, all-terrain Telemax UGVs accommodate a high degree of mission flexibility while enabling the operator to focus on what matters most: completing the mission safely even under the most demanding conditions.
- vi. Purpose: To be used to remotely gain visual/audio data, deliver CNT phone, open doors, disrupt packages, and clear buildings.
- vii. Authorized Usage: Only assigned operators who have been trained shall be permitted to operate the robots. Use is established by the SWAT Team, Bomb Squad Commander and or Incident Commander.
- viii. Initial Cost: \$319,000
- ix. Ongoing Cost: \$4,000 annual maintenance and battery replacement cost.
- x. Legal and Procedural Rules: It is the policy of EDSO to utilize a robot only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
- xi. Training: All robot operators must complete specialized training prior to operating the robot platforms.

(i) ICOR Mini-Caliber

- i. Description: SWAT unmanned ground vehicle (robot).
- ii. Quantity: 1
- iii. Capability: The ICOR Mini-Caliber is a lightweight, modular robot that can be carried by hand to a deployment location. It is a more nimble, less complicated operating platform that is used in tactical situations by the EDSO SWAT Team.
- iv. Life Span: 8-10 years.
- v. Manufacturer's Description: Designed for rapid tactical missions, the robot is simple to operate and quick to deploy for searching rooms, hallways, stairwells and confined spaces. With rubber tracks and articulating front and rear flippers, the Mini-CALIBER effortlessly climbs stairs. It also includes an extendible rotating claw arm that simplifies opening door handles.
- vi. Purpose: To be used to remotely gain visual/audio data, deliver CNT phone, open doors, disrupt packages, and clear buildings.
- vii. Authorized Usage: Only assigned operators who have been trained shall be permitted to operate the robots. Use is established by the SWAT Team, Bomb Squad Commander and or Incident Commander.

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- viii. Initial Cost: \$47,370
- ix. Ongoing Cost: \$3,000 annual maintenance and battery replacement cost.
- x. Legal and Procedural Rules: It is the policy of EDSO to utilize a robot only for official law enforcement purposes, and in a manner that respects the privacy of our community, pursuant to State and Federal law.
- xi. Training: All robot operators must complete specialized training prior to operating the robot platforms.

2. Armored Vehicles

(a) Lenco Bearcat G2

- i. Description: Commercially produced wheeled armored personnel vehicle utilized for law enforcement and rescue purposes.
- ii. Quantity: 1
- iii. Capability: The Lenco Bearcat G2, is an armored vehicle that seats 10-12 personnel with open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and deputies beyond the protection level of shield and personal body armor. The bearcat is equipped with a ram and chemical agent insertion tool.
- iv. Life Span: 25 Years
- v. Manufacturer's Description: The Lenco BearCat G2 is the standard tactical armored vehicle for special operations units within the US Law Enforcement community. Since the early 2000s, agencies such as LAPD, LASD SEB, NYPD ESU, Boston PD and hundreds of Federal, State and Local Law Enforcement agencies have made the BearCat G2 part of their standard operating procedure. The G2 has excellent on-road driving characteristics and maneuverability in tight urban settings. The large floor plan seats 10 – 12 fully equipped officers with a long list of tactical features only found on the Lenco BearCat line of armored SWAT vehicles for Police and Government.
- vi. Purpose: To be used in response to critical incidents to enhance deputy and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.
- vii. Authorized Usage: The use of armored vehicles shall only be authorized by a watch commander or SWAT commander, based on the specific circumstances of a given critical incident. The use of armored vehicles shall be used only by deputies trained in their deployment and in a manner consistent with Office policy and training.
- viii. Initial Cost: \$291,399
- ix. Ongoing Cost: \$5,000 annual maintenance.
- x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize the armored vehicle only for official law enforcement purposes, and pursuant to State and Federal law.
- xi. Training: All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.

(b) Ring Power Rook Tactical Armored Vehicle

- i. Description: Commercially produced armored personnel vehicle utilized for law enforcement and rescue purposes.

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- ii. Quantity: 1
 - iii. Capability: The Rook is a single person, armored, tracked vehicle which provides ballistic deployment for operators. It's size allows it to access tight areas and it has several utility attachments including an armored deployment/rescue platform, a hydraulic ram, a grapple claw, and a vehicle lifting tool.
 - iv. Life Span: 25 years.
 - v. Manufacturer's Description: The Rook is used by law enforcement forces across the United States for the purpose of providing protection and support in high-risk situations. The Rook is equipped with a variety of specialized tools, including an armored deployment platform, hydraulic breaching ram (equipped with a chemical agent dispenser system), grapple claw, and a vehicle extraction tool.
 - vi. Purpose: To be used in response to critical incidents to enhance deputy and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.
 - vii. Authorized Usage: Armored vehicles shall be used only by deputies trained in their deployment and in a manner consistent with Office policy and training.
 - viii. Initial Cost: \$492,083
 - ix. Ongoing Cost: \$5,000 annual maintenance.
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize the armored vehicle only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.
3. Command and Control Vehicles
- (a) Freightliner Chassis Vehicle (custom built)
 - i. Description: A vehicle used as a mobile office that provides shelter, access to department computer systems, communication networks during extended events.
 - ii. Quantity: 1
 - iii. Capability: The Freightliner vehicle is a mid-size vehicle that can also be utilized for SWAT/CNT and other critical incidents, preplanned large events, searching for missing persons, natural disasters, and community events.
 - iv. Life Span: This is a secondary vehicle that has already exceeded it's expected lifespan.
 - v. Manufacturer's Description: This is a custom built vehicle that does not have a Manufacturer's Description.
 - vi. Purpose: To be used based on the specific circumstances of a given critical incident, large event, natural disaster or community event that is taking place.
 - vii. Authorized Usage: Only employees trained in their deployment and operations in a manner consistent with Office policy and training are authorized to operate the mobile command vehicles. Situations which the mobile command vehicles are authorized for use would include but not be

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limited to critical incidents, emergencies, and natural disasters.

- viii. Initial Cost: Not recorded
- ix. Ongoing Cost: \$3,000
- x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to use the mobile command vehicles only for official law enforcement purposes, and in accordance with California State law regarding the operation of motor vehicles.
- xi. Training: The driver/operator shall receive training in the safe handling of the vehicle on a closed training course. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle throughout the county with an experienced driver. Driver/operators shall also undergo California Department of Motor Vehicles commercial vehicle testing.

(b) Trivan Mobile Command Trailer

- i. Description: A trailer used as a mobile office that provides shelter, access to department computer systems, communication networks during extended events.
- ii. Quantity: 1
- iii. Capability: The Trivan command vehicle is a large 5th wheel trailer equipped with technology for communications, connectivity, and observation. This vehicle is designed to be a stand-alone mobile command post for large scale critical incidents or natural disasters. It has also been used as a re-population logistical center.
- iv. Life Span: 20
- v. Manufacturer's Description: This is a custom designed trailer without a Manufacturer's Description.
- vi. Purpose: To be used based on the specific circumstances of a given critical incident, large event, natural disaster or community event that is taking place.
- vii. Authorized Usage: Only employees trained in their deployment and operations in a manner consistent with Office policy and training are authorized to operate the mobile command vehicles. Furthermore, only employees who have completed the California State Class B Commercial driving school and become properly licensed will be allowed to drive the Trivan mobile command vehicle. Situations which the mobile command vehicles are authorized for use would include but not be limited to critical incidents, emergencies, and natural disasters.
- viii. Initial Cost: \$420,274
- ix. Ongoing Cost: \$8,000
- x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to use the mobile command vehicles only for official law enforcement purposes, and in accordance with California State law regarding the operation of motor vehicles.
- xi. Training: The driver/operator shall receive training in the safe handling of the vehicle on a closed training course. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle

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throughout the county with an experienced driver. Driver/operators shall also undergo California Department of Motor Vehicles commercial vehicle testing.

4. Firearms/Ammunition of .50 Caliber or Greater

(a) McMillan TAC50

- i. Description: Bolt action firearm that is designed for precision shooting and designed to defeat armor and intermediate barriers.
- ii. Quantity: 1
- iii. Capability: This utilizes a heavy .50 bullet which can defeat armor, intermediate barriers, or disable vehicle engines.
- iv. Life Span: 10+ years.
- v. Manufacturer's Description: Rifle has been discontinued by manufacturer.
- vi. Purpose: To address a threat with greater precision, to defeat intermediate barriers, and/or greater distances than a handgun, if present and feasible.
- vii. Authorized Usage: Only members that have successfully completed the EDSO rifle training course by a POST certified instructor may carry a patrol rifle. Specialty rifles such as the .308 and .50 caliber rifles are only authorized to be carried by EDSO snipers who have completed a POST Sniper class.
- viii. Initial Cost: \$11,891
- ix. Ongoing Cost: \$50 per rifle.
- x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
- xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.

(b) Hornaday 50 BMG A-MAX Match

- i. Description: .50 BMG ammunition.
- ii. Quantity: 35 cases of 100.
- iii. Capability: .50 750 grain bullet with a muzzle velocity of approximately 2820 and a ballistic coefficient of 1.050.
- iv. Life Span: No expiration.
- v. Manufacturer's Description: We carefully select every component to ensure uniformity, then load to exacting specifications to provide pinpoint accuracy. Each cartridge is loaded with either Hornady® A-MAX® bullets, our high-performance boat-tail hollow points, or the new, radically superior ELD® Match bullets.
- vi. Purpose: To address a threat with greater precision, to defeat intermediate barriers, and/or greater distances than a handgun, if present and feasible.
- vii. Authorized Usage: Only members that have successfully completed the EDSO rifle training course by a POST certified instructor may carry a patrol rifle. Specialty rifles such as the .308 and .50 caliber rifles are only authorized to be carried by EDSO snipers who have completed a POST Sniper class.

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- viii. Initial Cost: \$520
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
 - xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.
5. Specialized Firearms and Ammunition
- (a) Colt Carbine
 - i. Description: Firearms that are discharged from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have greater accuracy over a long distance.
 - ii. Quantity: 195
 - iii. Capability: These rifles fire an intermediate-power cartridge (.223/5.56) which is more powerful than a standard pistol but less powerful than a standard rifle. The EDSO SWAT Team uses a short-barreled version of the rifle to be lighter weight and more maneuverable in tight spaces. All carbine rifles currently in use by EDSO are semi-automatic.
 - iv. Life Span: 15+ Years
 - v. Manufacturer's Description: Throughout the world today, Colt's reliability, performance, and accuracy provide our Armed Forces the confidence required to accomplish any mission. Colt's LE6920 series shares many features of its combat-proven brother, the Colt M4.
 - vi. Purpose: To be used as precision weapons to address lethal threats with more precision and/or greater distances than a handgun, if present and feasible.
 - vii. Authorized Usage: Only members that have successfully completed the EDSO rifle training course by a POST certified instructor may carry a patrol rifle.
 - viii. Initial Cost: \$1,000
 - ix. Ongoing Cost: \$50, per rifle.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
 - xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.
 - (b) Remington 700
 - i. Description: Bolt action firearm that is designed for precision shooting.
 - ii. Quantity: 4
 - iii. Capability: This weapon utilizes a .308 projectile and is deployed when there is a potential need to engage a lethal threat with a greater level of precision or to engage a target behind an intermediate barrier.

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- iv. Life Span: 10 years
 - v. Manufacturer's Description: It's the number one bolt-action of all time, proudly made in the U.S.A. Since 1962, more Model 700s have been sold than any other bolt-action rifle before or since. The legendary strength of its 3-rings-of-steel receiver is now paired with a 5R barrel on every 700. Bearing the most popular bolt-action rifle in history. Top choice of military and law enforcement officers, the Model 700 is unequalled in precision. Whether defending freedom or pursuing big game, its out-of-the-box accuracy is unmatched.
 - vi. Purpose: To be used as precision weapons to address lethal threats with more precision and/or greater distances than a handgun, if present and feasible.
 - vii. Authorized Usage: Rifles such as the .308 and .50 caliber rifles are only authorized to be carried by EDSO snipers who have completed a POST Sniper class.
 - viii. Initial Cost: \$3,741
 - ix. Ongoing Cost: \$50 per rifle.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
 - xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.
- (c) Accuracy International AT
- i. Description: Bolt action firearm that is designed for precision shooting.
 - ii. Quantity: 4
 - iii. Capability: This weapon utilizes a .308 projectile and is deployed when there is a potential need to engage a lethal threat with a greater level of precision or to engage a target behind an intermediate barrier.
 - iv. Life Span: 10 years
 - v. Manufacturer's Description: The AT (Accuracy Tactical) continues the legacy of the combat proven AW308 and takes the AW to new levels. The standard model has a fixed stock with 24 inch, quick change, plain barrel. There are options for colour, folding stock, barrels and suppressors and many accessories, which can be added. The AT is ideal for Law Enforcement and civilian users.
 - vi. Purpose: To address lethal threats with more precision and/or greater distances than a handgun, if present and feasible.
 - vii. Authorized Usage: .308 and .50 caliber rifles are only authorized to be carried by EDSO snipers who have completed a POST Sniper class.
 - viii. Initial Cost: \$7,486
 - ix. Ongoing Cost: \$50 per rifle.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and

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Federal law regarding the use of force.

- xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.

(d) Federal .223

- i. Description: .223 rifle ammunition.
- ii. Quantity: 974 cases of 500.
- iii. Capability: 55 Grain bullet with a muzzle velocity of approximately 3240 FPS and a ballistic coefficient of .269.
- iv. Life Span: No expiration.
- v. Manufacturer's Description: American Eagle® rifle ammunition offers consistent, accurate performance at a price that's perfect for high-volume shooting. The loads feature quality bullets, reloadable brass cases and dependable primers.
- vi. Purpose: To be used as with patrol rifles to address a threat with more precision and/or greater distances than a handgun, if present and feasible.
- vii. Authorized Usage: Only members that have successfully completed the EDSO rifle training course by a POST certified instructor may carry a patrol rifle.
- viii. Initial Cost: \$204 per case
- ix. Ongoing Cost: None
- x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
- xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.

(e) Hornaday TAP .223

- i. Description: .223 rifle ammunition.
- ii. Quantity: 2125 cases of 200.
- iii. Capability: 55 Grain bullet with a muzzle velocity of approximately 2852 FPS and a ballistic coefficient of .255.
- iv. Life Span: No expiration.
- v. Manufacturer's Description: TAP is the preferred choice for use in SBRs, carbines, and rifles when the probability for barrier penetration is low. Round designed to help prevent over penetration on non-barrier engagements. These factors make this bullet a great choice when collateral risk is high.
- vi. Purpose: To be used as with patrol rifles to address a threat with more precision and/or greater distances than a handgun, if present and feasible.
- vii. Authorized Usage: Only members that have successfully completed the EDSO rifle training course by a POST certified instructor may carry a patrol rifle.
- viii. Initial Cost: \$135 per case
- ix. Ongoing Cost: None
- x. Legal and Procedural Rules: Use is established under EDSO Policy

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Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.

- xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.
- (f) Hornaday .308 AMAX TAP
- i. Description: .308 ammunition.
 - ii. Quantity: 237 cases.
 - iii. Capability: Match grade .308 168 grain, with a muzzle velocity of approximately 2665 FPS and a ballistic coefficient of .475.
 - iv. Life Span: No expiration.
 - v. Manufacturer's Description: The 168 gr. A-MAX® bullet is a traditional match grade bullet with the performance advantages of a polymer tip. This bullet demonstrates an increase in penetration and retained weight over the 155 gr. A-MAX® bullet.
 - vi. Purpose: To address a threat with greater precision, to defeat intermediate barriers, and/or greater distances than a handgun, if present and feasible.
 - vii. Authorized Usage: Only members that have successfully completed the EDSO rifle training course by a POST certified instructor may carry a patrol rifle. Specialty rifles such as the .308 and .50 caliber rifles are only authorized to be carried by EDSO snipers who have completed a POST Sniper class.
 - viii. Initial Cost: \$210 per case
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 312. It is the policy of the Sheriff's Office to utilize rifles only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
 - xi. Training: Prior to using a rifle, deputies must be certified by POST instructors in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification two times a year.

6. Distraction Devices

(a) Defense Technology 12-Gram low roll #8902 Flash-Bang

- i. Description: Diversionary device.
- ii. Quantity: 44
- iii. Capability: Produces 175 dB of sound output at 5 feet and 6-8 million candelas for 10 milliseconds.
- iv. Life Span: 5 Years.
- v. Manufacturer's Description: The Non-Reloadable Distraction Device® unit incorporates an M201A1 type fuze with hex design gun steel body. This is a compact version of the 8933 Low Roll® body Distraction Device is the newest version of the first reusable non-bursting canister that limits movement and rolling once deployed. The compact Distraction Device fits safely in your hand and packs all the power of the full-size Distraction Device. This is a smaller, lighter device with the same output.

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- vi. Purpose: A distraction device is for distracting dangerous suspects during hostage rescue, room entry or other high-risk arrest situations. To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6 - 8 seconds) physiological/psychological sensory deprivation.
- vii. Authorized Usage: Diversionary Devices shall only be used by SWAT deputies who have been trained in their proper use. In hostage and barricaded subject situations, in high-risk warrant (search/arrest) services where there may be extreme hazards to deputies, during other high-risk situations where their use would enhance deputy safety, and during training exercises.
- viii. Initial Cost: \$49.21
- ix. Ongoing Cost: None
- x. Legal and Procedural Rules: Use is established EDSO SWAT procedures. It is the policy of the Sheriff's Office to utilize diversion devices only for official law enforcement purposes, and pursuant to State and Federal law regarding the use of force.
- xi. Training: Prior to use, EDSO SWAT deputies must attend distractionary device training that is conducted by POST certified instructors as part of an 80-hour Basic SWAT School.

7. Chemical Agents

(a) Defense Technology Triple-Chaser Separating Canister CS #1026

- i. Description: Chemical agent.
- ii. Quantity: 15
- iii. Capability: When deployed, the munition separate into separate canisters and land approximately 20 feet apart allowing increased area coverage in a short period of time.
- iv. Life Span: 5 years from date of manufacture.
- v. Manufacturer's Description: The Triple-Chaser CS consists of three separate canisters pressed together with separating charges between each. When deployed, the canisters separate and land approximately 20 feet apart allowing increased area coverage in a short period of time. This canister can be hand thrown or launched from a fired delivery system. The canister is 6.5 in. by 2.7 in. and holds an approximately 3.2 oz. of active munition payload. It has an approximate burn time of 20-30 seconds.
- vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
- vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.
- viii. Initial Cost: \$47
- ix. Ongoing Cost: None
- x. Legal and Procedural: Use is established under the EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
- xi. Training: Employees utilizing chemical agent canisters are certified by

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- POST less lethal and chemical agent instructors.
- (b) Defense Technology Riot Control Continuous Discharge Grenade CS #1082
- i. Description: Chemical agent.
 - ii. Quantity: 32
 - iii. Capability: This launchable grenade is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.
 - iv. Life Span: 5 years from date of manufacture.
 - v. Manufacturer's 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
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.
 - viii. Initial Cost: \$47
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under the EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Employees utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
- (c) Defense Technology Flameless Tri-Chamber CS Grenade
- i. Description: Chemical agent.
 - ii. Quantity: 60
 - iii. grenade is designed primarily for indoor situations to detect and/or dislodge a barricaded subject. The design allows the contents to burn within an internal can and disperse the agent safely with the reduces risk of fire.
 - iv. Life Span: 5 years from date of manufacture.
 - v. Manufacturer's Description: The Tri-Chamber Flameless Grenade provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the chance of fire to the structure. The Tri-Chamber Flameless Grenade is NOT to be launched utilizing a launching cup.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.
 - viii. Initial Cost: \$45
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under the EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize chemical agents only for official law enforcement purposes, and pursuant to

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State and Federal law, including those regarding the use of force.

- xi. Training: Employees utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
- (d) Defense Technology Pocket Tactical CS grenade #1016
- i. Description: Chemical agent.
 - ii. Quantity: 20
 - iii. Capability: The Pocket Tactical CS Grenade is small and lightweight at 4.75 in. by 1.4 inches in size. The 0.9 oz. of active agent will burn approximately 20-40 seconds.
 - iv. Life Span: 5 years from date of manufacture.
 - v. Manufacturer's Description: The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75 in. by 1.4 inches in size, it easily fits in most tactical pouches. This is a launchable grenade; however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical grenade.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.
 - viii. Initial Cost: \$47.60
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under the EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Employees utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
- (e) Defense Technology Maximum HC Smoke Military-Style #1083
- i. Description: Smoke canister.
 - ii. Quantity: 26
 - iii. Capability: It is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations.
 - iv. Life Span: 5 years from date of manufacture.
 - v. Manufacturer's Description: The Military-Style Maximum Smoke Grenade comes from the Defense Technology #3 smoke grenade. It is a slow burning, high volume, continuous discharge grenade designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.
 - viii. Initial Cost: \$38 per unit.
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under the EDSO Policy

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- xi. Training: Employees utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
- (f) Combined Tactical Systems CS Baffled Canister Grenade #5230B
- i. Description: Chemical agent.
 - ii. Quantity: 26
 - iii. Capability: Pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire.
 - iv. Life Span: 5 years from date of manufacture.
 - v. Manufacturer's Description: Pyrotechnic grenade designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire. This product is specifically used for the gas injection system on the Lenco Bearcat.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.
 - viii. Initial Cost: \$33.75 per unit.
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under the EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Employees utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
- (g) Defense Technology First Defense .7% MK-9 HV Vapor OC #43896
- i. Description: Chemical irritant.
 - ii. Quantity: 30
 - iii. Capability: .7% MC OC aerosol product utilizes a vapor delivery method and is intended for use in crowd management. It will deliver 8-10 short bursts of OC at an effective range of 10-15 ft.
 - iv. Life Span: 5 years from date of manufacture.
 - v. Manufacturer's Description: The MK-9S features an easy-to-use trigger handle, is intended for use in crowd management and will deliver 8-10 short bursts of OC at an effective range of 10-15 ft. This .7% MC OC aerosol product utilizes a vapor delivery method providing a high concentration of OC in a powerful mist inflaming the mucous membranes and exposed skin. Onset is immediate and very intense, resulting in an intense burning sensation that evaporates quickly when exposed to fresh air.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.

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- viii. Initial Cost: \$54.10 per unit.
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under the EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Employees utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
- (h) Defense Technology, First Defense 1.3% MK-46V Stream OC Aerosol #43046
- i. Description: Chemical irritant.
 - ii. Quantity: 4 plus 6 refills
 - iii. Capability: Chemical irritant for crowd control.
 - iv. Life Span: 5 years from date of manufacture.
 - v. Manufacturer's Description: The MK-46 features a trigger handle, is intended for use in crowd management and will deliver 26 short bursts of OC at an effective range of 25-30 feet. This 1.3% MC OC aerosol product utilizes a stream delivery method providing a target-specific, strong concentrated stream for greater standoff.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Only employees who have received POST certified training in the use chemical agents are authorized to use chemical agents.
 - viii. Initial Cost: \$495 per unit.
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under the EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize chemical agents only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Employees utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.
8. Explosive Breaching tools
- (a) Detonating Cord (PETN)
- i. Description: High speed fuse.
 - ii. Quantity: 5,800 feet.
 - iii. Capability: The detonating cord is a thin, flexible plastic tube usually filled with pentaerythritol tetranitrate (PETN, pentrite). With the PETN exploding at a rate of approximately 6400 m/s, any common length of detonation cord appears to explode instantaneously. It is a high-speed fuse which explodes, rather than burns, and is suitable for detonating high explosives.
 - iv. Life Span: Approximately 10 years, based on conditions.
 - v. Manufacturer's Description: This is a generic tool that does not carry a manufacturers description.
 - vi. Purpose: Fuse for detonating explosives.
 - vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.

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- viii. Initial Cost: \$4,150.00
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.
- (b) Blasting Cap
- i. Description: Primary explosive.
 - ii. Quantity: 300
 - iii. Capability: A blasting cap is a small sensitive primary explosive device generally used to detonate a larger, more powerful and less sensitive secondary explosive.
 - iv. Life Span: Approximately 10 years, based on conditions.
 - v. Manufacturer's Description: This is a generic tool that does not carry a manufacturers description.
 - vi. Purpose: A blasting cap is a small sensitive primary explosive device generally used to detonate a larger, more powerful and less sensitive secondary explosive such as TNT, dynamite, or plastic explosive. Blasting caps come in a variety of types, including non-electric caps, electric caps, and fuse caps.
 - vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
 - viii. Initial Cost: \$3,950
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.
- (c) Sheet Explosive (PETN)
- i. Description: Explosive ordinance.
 - ii. Quantity: C-1 – 50 grams, C-2 6 pounds
 - iii. Capability: Sheet explosives are materials formed by combining an explosive with a "rubberizer"—a flexible binding munition. The resulting compound is cast into a flat sheet which is typically pliable and deformable over a wide range of temperature. Typical products are generally shock-insensitive secondary explosives, requiring a blasting cap or other detonator.
 - iv. Life Span: Approximately 10 years, based on conditions.
 - v. Manufacturer's Description: This is a generic tool that does not carry a manufacturers description.
 - vi. Purpose: To safely gain entry into structures or render safe dangerous

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items.

- vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
 - viii. Initial Cost: \$1,000
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.
- (d) C4 (RDX)
- i. Description: Explosive ordinance.
 - ii. Quantity: 10 lbs.
 - iii. Capability: C-4 or Composition C-4 is a common variety of the plastic explosive family known as Composition C, which uses RDX as its explosive munition. C-4 is composed of explosives, plastic binder, plasticizer to make it malleable, and usually a marker or odorizing taggant chemical. C-4 has a texture similar to modeling clay and can be molded into any desired shape. C-4 is metastable and can be exploded only by the shock wave from a detonator or blasting cap.
 - iv. Life Span: Unlimited.
 - v. Manufacturer's Description: This is a generic tool that does not carry a manufacturers description.
 - vi. Purpose: To safely gain entry into structures or render safe dangerous items.
 - vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
 - viii. Initial Cost: \$2,250
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.
- (e) Boosters (TNT/PETN)
- i. Description: Explosive ordinance.
 - ii. Quantity: 34
 - iii. Capability: An explosive booster is a sensitive explosive charge that acts as a bridge between a (relatively weak) conventional detonator and a low-sensitivity (but typically high-energy) explosive such as TNT. By itself, the initiating detonator would not deliver sufficient energy to set off the low-sensitivity charge. However, it detonates the primary charge (the booster),

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which then delivers an explosive shockwave that is sufficient to detonate the secondary, main, high-energy charge.

- iv. Life Span: TNT Approximately 35 years, based on conditions. PETN approximately 10 years, based on conditions.
 - v. Manufacturer's Description: This is a generic tool that does not carry a manufacturer's description.
 - vi. Purpose: To safely gain entry into structures or render safe dangerous items.
 - vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
 - viii. Initial Cost: \$700
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.
- (f) HELIX Binary Explosive
- i. Description: Explosive ordinance.
 - ii. Quantity: 12 pairs, 6lbs.
 - iii. Capability: A liquid explosive suitable for use in multiple end items such as shaped charges, bulk charges, disrupters, and common demolition configurations.
 - iv. Life Span: Unlimited.
 - v. Manufacturer's Description: HELIX™ High Energy Liquid Explosive is a powerful and versatile liquid explosive which eliminates the logistical difficulties usually encountered in shipping and storing high explosives. HELIX™ is sold as two components, the liquid and the activator, each of which can remain in long term storage.
 - vi. Purpose: To safely gain entry into structures or render safe dangerous items.
 - vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
 - viii. Initial Cost: \$600
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.
- (g) TNT (Artillery Charges)
- i. Description: Explosive ordinance.

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- ii. Quantity: 22 at 11lbs.
 - iii. Capability: Trinitrotoluene more commonly known as TNT, is a chemical compound with the formula $C_6H_3CH_3$. This yellow solid is occasionally used as a reagent in chemical synthesis, but it is best known as an explosive material with convenient handling properties. The explosive yield of TNT is considered to be the standard comparative convention of bombs and asteroid impacts.
 - iv. Life Span: Approximately 35 years, based on conditions.
 - v. Manufacturer's Description: This is a generic tool that does not carry a manufacturers description.
 - vi. Purpose: To safely gain entry into structures or render safe dangerous items.
 - vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
 - viii. Initial Cost: \$1,1000
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.
- (h) Conical Shaped Charges (RDX)
- i. Description: Explosive ordinance.
 - ii. Quantity: 31
 - iii. Capability: A shaped charge is an explosive charge shaped to focus the effect of the explosive's energy. Different types of shaped charges are used for various purposes such as cutting and forming metal, breaching solid surfaces, penetrating armor, or perforating wells in the oil and gas industry.
 - iv. Life Span: Unlimited.
 - v. Manufacturer's Description: This is a generic tool that does not carry a manufacturers description.
 - vi. Purpose: To safely gain entry into structures or render safe dangerous items.
 - vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
 - viii. Initial Cost: \$750
 - ix. Ongoing Cost: \$100
 - x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
 - xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above.

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(i) Royal Remington 870 Breaching Shotgun

- i. Description: 12-gauge shotgun specifically designed for breaching.
- ii. Quantity: 2
- iii. Capability: This weapon allows for breachers to safely utilize shotgun breaching rounds in order to destroy deadbolts, locks, and hinges. The stand-off that is attached to the end of the barrel allows for positive placement of the gun into the correct position and vents gases to prevent overpressure. This weapon can also defeat windows and sliding glass doors with a flash bang round. A less lethal 2.4-inch 12-gauge shotgun round firing a ballistic fiber bag filled with 40 grams of lead shot at a velocity of 270-290 feet per second (FPS).
- iv. Life Span: 25 years.
- v. Manufacturer's Description: 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. Royal Arms invented the Breachers and Breaching shotguns.
- vi. Purpose: To safely gain entry into structures or render safe dangerous items.
- vii. Authorized Usage: Explosive breaching may only occur after authorization by the Incident Commander or SWAT Commander in the field, and during training exercises.
- viii. Initial Cost: \$500
- ix. Ongoing Cost: \$100
- x. Legal and Procedural Rules: It is the policy of the Sheriff's Office to utilize breaching tools only for official law enforcement purposes, and pursuant to State and Federal law.
- xi. Training: Explosive breaching is only conducted by the EDSO EOD unit. Members of this unit must successfully complete a multi-week training course and show proficiency working with the items listed above. Shotgun breaching may only be conducted by EDSO SWAT personnel who have been trained in the technique by a POST certified instructor.

9. Less Lethal Platforms and Munitions

(a) Defense Technology 40mm Single Shot Launcher #1425

- i. Description: 40MM less lethal impact and chemical agent launcher.
- ii. Quantity: 9
- iii. Capability: The 40MM Single Launcher is a tactical single shot launcher. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 131 feet.
- iv. Life Span: 25 Years
- v. Manufacturer's Description: 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 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.

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- vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 - 1. Self-destructive, dangerous and/or combative individuals.
 - 2. Riot/crowd control and civil unrest incidents.
 - 3. Circumstances where a tactical advantage can be obtained.
 - 4. Potentially vicious animals.
 - 5. Training exercises or approved demonstrations.
 - viii. Initial Cost: \$1,000
 - ix. Ongoing Cost: \$50 per launcher.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
- (b) Penn Arms 40MM Tactical Single Shot Launcher, ML140
- i. Description: 40MM less lethal impact and chemical agent launcher.
 - ii. Quantity: 2
 - iii. Capability: The 40MM Single Launcher is a tactical single shot launcher. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 131 feet.
 - iv. Life Span: 15 years.
 - v. Manufacturer's Description: A 40mm compact single-shot break-open frame launcher with a rifled barrel and folding stock. Features include: Double-action trigger, trigger lock push button and hammer lock safeties.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 - 1. Self-destructive, dangerous and/or combative individuals.
 - 2. Riot/crowd control and civil unrest incidents.
 - 3. Circumstances where a tactical advantage can be obtained.
 - 4. Potentially vicious animals.
 - 5. Training exercises or approved demonstrations.
 - viii. Initial Cost: \$735
 - ix. Ongoing Cost: \$50 per launcher.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.

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(c) Penn Arms 40MM Multi Launcher, P540

- i. Description: 40MM less lethal impact and chemical agent launcher.
- ii. Quantity: 3
- iii. Capability: The multi launcher provides multi-shot capability in an easy to carry launcher. It will launch 40MM less lethal rounds up to 131 feet.
- iv. Life Span: 15 Years
- v. Manufacturer's Description: A 40mm pump-action advance magazine drum launcher with a fixed stock and combo rail. It has a six-shot capacity and rifled barrel. Previously labeled the PGL-65, the features include: Double-action trigger, trigger lock push button and hammer lock safeties.
- vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
- vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 1. Self-destructive, dangerous and/or combative individuals.
 2. Riot/crowd control and civil unrest incidents.
 3. Circumstances where a tactical advantage can be obtained.
 4. Potentially vicious animals.
 5. Training exercises or approved demonstrations.
- viii. Initial Cost: \$2,638
- ix. Ongoing Cost: \$50 per launcher.
- x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
- xi. Training: Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.

(d) VLTOR 40MM Multi Launcher, MGL-L TL

- i. Description: 40MM less lethal impact and chemical agent launcher.
- ii. Quantity: 1
- iii. Capability: Multi-round 40MM option to launch less lethal or chemical agent rounds in critical incidents. The VLTOR multi launcher has a ratcheting cylinder that once engaged, allows for faster round deployment for 6 rounds.
- iv. Life Span: 15 Years
- v. Manufacturer's Description: Developed with our partner company, Abrams Airborne Manufacturing, The 40mm Multi-Shot Less-Lethal Tactical Launcher (LTL) was manufactured with the needs of the modern tactical team at the forefront. The launcher is capable of firing a wide variety of 40mm LTL ammo.
- vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
- vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 1. Self-destructive, dangerous and/or combative individuals.
 2. Riot/crowd control and civil unrest incidents.

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3. Circumstances where a tactical advantage can be obtained.
 4. Potentially vicious animals.
 5. Training exercises or approved demonstrations.
- viii. Initial Cost: \$3,8000
- ix. Ongoing Cost: \$50 per launcher.
- x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
- xi. Training: Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
- (e) Defense Technology 40MM Exact Impact Sponge Round
- i. Description: Less Lethal 40mm impact munition.
 - ii. Quantity: 52
 - iii. Capability: A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm launcher with a rifled barrel at 325 FPS. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact.
 - iv. Life Span: 15 years.
 - v. Manufacturer's Description: The eXact iImpact™ 40 mm 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 40 mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant, and, therefore, have velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 1. Self-destructive, dangerous and/or combative individuals.
 2. Riot/crowd control and civil unrest incidents.
 3. Circumstances where a tactical advantage can be obtained.
 4. Potentially vicious animals.
 5. Training exercises or approved demonstrations.
 - viii. Initial Cost: \$18
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
- (f) Defense Technology Ferret 40MM Barricade Penetrator #2262, #2292, #2290,

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- i. Description: A less lethal 40MM round used to penetrate barriers and instantaneously delivers a small chemical payload.
 - ii. Quantity: 121
 - iii. Capability: A less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle.
 - iv. Life Span: 5 years.
 - v. Manufacturer's Description: A less lethal 40MM round used to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle.
 - vi. Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable.
 - vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 - 1. Self-destructive, dangerous and/or combative individuals.
 - 2. Riot/crowd control and civil unrest incidents.
 - 3. Circumstances where a tactical advantage can be obtained.
 - 4. Potentially vicious animals.
 - 5. Training exercises or approved demonstrations.
 - viii. Initial Cost: \$23
 - ix. Ongoing Cost: None
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the 40mm only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: Sworn members utilizing 40MM less lethal chemical agents or impact rounds are trained in their use by POST certified less lethal and chemical agent instructors.
- (g) Remington 870 Shotgun (Less Lethal)
- i. Description: Less Lethal Shotgun used to deploy the less lethal 12-gauge Drag Stabilized Beanbag rounds.
 - ii. Quantity: 62
 - iii. Capability: The Remington 870 Less Lethal Shotgun is used to deploy the less lethal 12-gauge Drag Stabilized Beanbag Round up to a distance of 75 feet.
 - iv. Life Span: 25 Years
 - v. Manufacturer's Description: If the Model 870™ were introduced today, it would be hailed as a major advance in pump-action shotgun design - the ultimate in strength, durability, silky-smooth bind-free action, and sleek classical lines. Yet this remarkable shotgun has been around for more than half a century, and has become the best-selling shotgun of any type in history, with over 11 million made.
 - vi. Purpose: The range of the weapon system helps to maintain space between

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- deputies and a suspect reducing the immediacy of the threat which is a principle of De-escalation.
- vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 - 1. Self-destructive, dangerous and/or combative individuals.
 - 2. Riot/crowd control and civil unrest incidents.
 - 3. Circumstances where a tactical advantage can be obtained.
 - 4. Potentially vicious animals.
 - 5. Training exercises or approved demonstrations.
 - viii. Initial Cost: \$496
 - ix. Ongoing Cost: \$50, annual maintenance per less lethal shotgun.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the less lethal shotgun only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: All deputies are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional training internally when they transfer to the unit.
- (h) Defense Technology 12-Gauge Drag Stabilized Beanbag Round
- i. Description: Less lethal 12-gauge Drag Stabilized Beanbag rounds.
 - ii. Quantity: 1,600
 - iii. Capability: This round has a velocity of 270 fps. This round provides accurate and effective performance when fired from not fewer than twenty (20) feet. The maximum effective range of this munition is up to 75 feet from the target.
 - iv. Life Span: 5 Years.
 - v. Manufacturer's Description: A less lethal 12-gauge shotgun round 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.
 - vi. Purpose: The range of the weapon system helps to maintain space between deputies and a suspect reducing the immediacy of the threat which is a principle of De-escalation.
 - vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 - 1. Self-destructive, dangerous and/or combative individuals.
 - 2. Riot/crowd control and civil unrest incidents.
 - 3. Circumstances where a tactical advantage can be obtained.
 - 4. Potentially vicious animals.
 - 5. Training exercises or approved demonstrations.
 - viii. Initial Cost: \$5.35
 - ix. Ongoing Cost: None.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy

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Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the less lethal shotgun only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.

- xi. Training: All deputies are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional training internally when they transfer to the unit.
- (i) Defense Technology 12-Gauge Rubber Ball Round, #3016
 - i. Description: Less lethal 12-gauge munition.
 - ii. Quantity: 90
 - iii. Capability: Maximum effective range of approximately 25 feet and a velocity of 500 fps/91 mph.
 - iv. Life Span: 5 years.
 - v. Manufacturer's Description: It is a translucent 12-Gauge shell loaded with approximately eighteen 32-Caliber rubber balls. The Stinger utilizes smokeless powder as the propellant. The 12-Gauge Stinger is generally considered a low to medium pain compliance round for close range deployment. The round has a maximum effective range of approximately 25 feet and a velocity of 500 fps/91 mph.
 - vi. Purpose: The range of the weapon system helps to maintain space between deputies and a suspect reducing the immediacy of the threat which is a principle of De-escalation.
 - vii. Authorized Usage: Situations for use of the less lethal weapon systems may include, but are not limited to:
 - 1. Self-destructive, dangerous and/or combative individuals.
 - 2. Riot/crowd control and civil unrest incidents.
 - 3. Circumstances where a tactical advantage can be obtained.
 - 4. Potentially vicious animals.
 - 5. Training exercises or approved demonstrations.
 - viii. Initial Cost: \$8.00
 - ix. Ongoing Cost: None.
 - x. Legal and Procedural Rules: Use is established under EDSO Policy Sections 300 and 308. It is the policy of the Sheriff's Office to utilize the less lethal shotgun only for official law enforcement purposes, and pursuant to State and Federal law, including those regarding the use of force.
 - xi. Training: All deputies are trained in the 12 gauge less lethal shotgun as a less lethal option by in-service training. SWAT personnel receive additional training internally when they transfer to the unit.

709.10 MAINTENANCE OF MILITARY USE SUPPLY LEVELS

When stocks of military equipment have reached significantly low levels or have been exhausted, the Sheriff's Office may order up to 10% of stock in a calendar year without Governing Body approval to maintain essential availability for the Sheriff's Office needs. EDSO is authorized to acquire additional stock of items in the event of an emergency when approved by the Sheriff or designee. The Governing Body further determines that all military equipment previously listed as part of the EDSO's 2021-22 annual budget request, but which has not yet been acquired, is in

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compliance with this policy, and therefore authorizes and approves such acquisition.

709.11 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.