

Uncodified Ordinance No. 25-013

AN UNCODIFIED ORDINANCE OF THE COUNTY OF ORANGE
APPROVING THE SHERIFF'S AND DISTRICT ATTORNEY'S
MILITARY EQUIPMENT USE POLICIES AND
REPEALING UNCODIFIED ORDINANCE NO. 24-003

The Board of Supervisors of the County of Orange ordains as follows:

SECTION 1. The Board of Supervisors finds and determines that the Sheriff's Department and the District Attorney's Office currently possess and use certain equipment defined as military equipment by Assembly Bill 481 and may acquire such equipment in the future. Assembly Bill 481, as codified in Government Code sections 7070 through 7075, requires that a military equipment use policy be approved by the Board in order for such equipment to be requested, acquired or deployed by a County of Orange law enforcement agency.

SECTION 2. Military Equipment Use by the Sheriff's Department and District Attorney's Office

- (a) Pursuant to Government Code section 7071, the Board approves and adopts the Sheriff's and the District Attorney's military equipment use policies, attached hereto as Exhibits A and B, and incorporated herein by reference, and located on the Sheriff's and District Attorney's public websites.
- (b) The Board determines that:
 - (1) The equipment listed in the Sheriff's and District Attorney's military equipment use policies is necessary because there is no reasonable alternative that can achieve the same objective of officer and civilian safety;
 - (2) The Sheriff's and District Attorney's military equipment use policies will safeguard the public's welfare, safety, civil rights, and civil liberties;
 - (3) Purchase of the equipment listed in the Sheriff's and District Attorney's military equipment use policies will be reasonably cost effective compared to available alternatives that can achieve the same objective of officer and civilian safety; and
 - (4) The Sheriff and District Attorney have taken action to remedy any nonconforming use and ensure that any future use of military equipment will comply with their military equipment use policies.
- (c) The Board approves the following actions by the Sheriff and the District Attorney with respect to the equipment listed in their military equipment use policies, subject to any applicable local, State or federal regulations:

- (1) Requesting military equipment made available pursuant to Section 2576a of Title 10 of the United States Code;
 - (2) 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;
 - (3) Acquiring military equipment either permanently or temporarily, including by borrowing or leasing;
 - (4) Collaborating with another law enforcement agency in the deployment or other use of military equipment within the territorial jurisdiction of the governing body;
 - (5) 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; or
 - (6) Acquiring military equipment through any means not provided by Government Code section 7071.
- (d) The Sheriff and District Attorney will seek Board approval prior to using any new or existing military equipment for a purpose, in a manner, or by a person not previously approved by the Board.
- (e) The Sheriff and District Attorney will submit an annual military equipment report as required by Government Code section 7072. The report will be reviewed by the Board as required by Government Code section 7071.
- (f) The military equipment use policies approved herein may only be amended by action of the Board.

SECTION 3. Uncodified Ordinance No. 24-003 is hereby repealed.

SECTION 4. This Ordinance shall take effect and be in full force thirty (30) days from and after its passage, and before the expiration of fifteen (15) days after the passage thereof shall be published once in an adjudicated newspaper in the County of Orange. The Sheriff's Policy 711 (Military Equipment) and Equipment Inventory, Exhibit A hereto, and the District Attorney's Policy 704 (Military Equipment) and Equipment Inventory, Exhibit B hereto, need not be published in their entirety because a complete copy of each exhibit is on file with the Clerk of the Board of Supervisors and is available for public inspection and copying in accordance with the California Public Records Act, Division 10 (commencing with Section 7920.000) of Title 1.

**EXHIBIT A TO UNCODIFIED ORDINANCE
(SHERIFF'S MILITARY EQUIPMENT
POLICY 711 AND EQUIPMENT INVENTORY)**



Military Equipment

711.1 PURPOSE AND SCOPE

The purpose of this policy is to provide guidelines for the approval, acquisition, and reporting requirements of "military equipment" as defined by the California State Legislature (AB 481; Government Code § 7070; Government Code § 7071; Government Code § 7072).

711.1.1 DEFINITIONS

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

Governing body - In the case of a law enforcement agency of a county, including a sheriff's department, "governing body" means the Board of Supervisors.

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

- Unmanned, remotely piloted, powered aerial or ground vehicles.
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers.
- High mobility multipurpose wheeled vehicles (HMMWV), commonly referred to as Humvees, 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 and utilize a tracked system instead of wheels for forward motion.
- 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.
- Firearms and ammunition of .50 caliber or greater.
- Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in Sections 30510 and 30515 of the Penal Code, with the exception of standard issue service weapons and ammunition of less than .50 caliber
- Any firearm or firearm accessory that is designed to launch explosive projectiles.
- "Flashbang" grenades and explosive breaching tools, "tear gas," and "pepper balls," excluding standard, service-issued handheld pepper spray.
- Area denial electroshock devices, microwave weapons, water cannons, long-range acoustic devices, acoustic hailing devices, and sound cannons.
- 40mm projectile launchers, "bean bag," rubber bullet, and specialty impact munition (SIM) weapons and their associated munitions.
- Any other equipment as determined by a governing body or a state agency to require additional oversight.

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711.2 POLICY

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

711.3 MILITARY EQUIPMENT COORDINATOR

The Sheriff has designated the SAFE Bureau 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 Board of Supervisors for matters related to the requirements of this policy.
- (b) Identifying Department equipment that qualifies as military equipment in the current possession of the Department, or the equipment the Department intends to acquire that requires approval by the governing body.
- (c) Conducting an inventory of all military equipment at least annually.
- (d) Collaborating with any allied agency that may use military equipment within the jurisdiction of the 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 Sheriff and the Board of Supervisors, and ensuring that the report is made available on the Department website (Government Code § 7072).
- (g) Coordinating the processing of complaints and concerns submitted pursuant to Section 711.11 of this policy.

711.4 MILITARY EQUIPMENT CONSIDERATIONS

- (a) The military equipment acquired and authorized by the Department and approved by the Board of Supervisors is:
 - 1. Necessary because there is no reasonable alternative that can achieve the same objective of officer and civilian safety.
 - 2. Reasonably cost-effective compared to available alternatives that can achieve the same objective of officer and civilian safety.
- (b) Military equipment shall be used by a Department member only after applicable training, as described in applicable Department Policies and Procedures, including the completion of any course required by the Commission on Peace Officer Standards and Training.

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711.5 MILITARY EQUIPMENT INVENTORY

The following constitutes a list of qualifying equipment for the Department: See attached: Military Equipment Inventory.pdf

711.6 APPROVAL

The Sheriff or the authorized designee shall obtain approval from the governing body by way of an ordinance adopting the military equipment policy. As part of the approval process, the Sheriff or the authorized designee shall ensure the proposed military equipment policy is submitted to the governing body and is available on the Department website at least 30 days prior to any public hearing concerning the military equipment at issue (Government Code § 7071). The military equipment policy must be approved by the governing body prior to engaging in any of the following (Government Code § 7071):

- (a) Requesting military equipment made available pursuant to 10 USC § 2576a.
- (b) Seeking funds for military equipment, including but not limited to applying for a grant, soliciting or accepting private, local, state, or federal funds, in-kind donations, or other donations or transfers.
- (c) Acquiring military equipment either permanently or temporarily, including by borrowing or leasing.
- (d) Collaborating with another law enforcement agency in the deployment or other use of military equipment within the jurisdiction of this Department.
- (e) Using any new or existing military equipment for a purpose, in a manner, or by a person not previously approved by the governing body.
- (f) Soliciting or responding to a proposal for, or entering into an agreement with, any other person or entity to seek funds for, apply to receive, acquire, use, or collaborate in the use of military equipment.
- (g) Acquiring military equipment through any means not provided above.

711.7 COORDINATION WITH OTHER JURISDICTIONS

Military equipment used by any member of this Department shall be in accordance with this policy and all applicable Department policies. Military equipment used by other departments that are providing mutual aid within Orange County Sheriff's Department jurisdiction shall comply with their respective department's policies.

711.8 ANNUAL REPORT

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

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The SAFE Bureau shall 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 of the following information for the preceding calendar year:

- (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 the military equipment.
- (c) The results of any internal audits, any information about violations of the military equipment policy, and any actions taken in response.
- (d) 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.
- (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.

711.9 COMPLIANCE

The Department will ensure that employees comply with this policy. Each Division is responsible for ensuring compliance with this policy and will be subject to an annual audit by the SAFE Division. All potential policy violations will be referred to the Internal Affairs Division for investigation. (Government Code §§ 7070(d), 7072(a),)

711.10 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 public may discuss and ask questions regarding the annual report and the Department's funding, acquisition, or use of military equipment.

711.11 PUBLIC CONCERNS

Any member of the public may submit a question or concern regarding the Department's military equipment by contacting OCSD via email at info@ocsheriff.gov. A response to the question or concern shall be completed and provided by the Department in a timely manner.

Any member of the public may submit a Civilian Complaint Form, which is available on the Sheriff's website. Once the complaint is received, it shall be routed to the Internal Affairs Bureau in accordance with Policy 1020 (Government Code § 7070(d)).

ORANGE COUNTY SHERIFF'S DEPARTMENT MILITARY

EQUIPMENT INVENTORY

CATEGORY 1 - UNMANNED, REMOTELY PILOTED, POWERED AERIAL OR GROUND VEHICLES

Unmanned Aerial System (UAS): An unmanned aircraft and the associated equipment necessary to control it remotely.

1. Description, capabilities, quantity and cost:

- a. DJI MAVIC 2 PRO: Featuring an iconic Hasselblad L1D-20C camera which boasts a 1-inch CMOS sensor. Key features include its 5-mile range using DJI's new OcuSync 2.0 technology, up to 31 minutes of flight time with its 3850 mAh battery making it the longest flight time for a consumer drone on the market.
Cost: \$2,300, Quantity: 7
- b. DJI MAVIC 2 ENTERPRISE DUAL: Featuring a fully integrated and stabilized dual sensor with Radiometric FLIR® thermal & visible imagery the Mavic 2 Enterprise Dual is one of the most capable aircrafts for its size and very affordable price point. Add-on modules include the spotlight, speaker and beacon.
Cost: \$3,000, Quantity: 2
- c. DJI MAVIC 2 ENTERPRISE ADVANCED: The Mavic 2 Enterprise Advanced (M2EA) is a highly versatile yet compact tool and boasts a high-resolution 640x512 thermal camera as well as a 48MP visual camera. Thanks to the new RTK module, centimeter-level positioning can be achieved.
Cost: \$6,500, Quantity: 17
- d. SKYDIO 2: Powered by the Nvidia Jetson Computer System and features a standard 4K camera that shoots at up to 60 fps. The Skydio 2 uses six cameras, with a total of 48MP of resolution, for obstacle avoidance purposes, making it one of the safest drones around, in terms of avoiding a crash.
Cost: Donated, Quantity: 1
- e. DJI MINI 2: Featuring an ultralight and foldable airframe weighing as little as 249 grams that provides ultra-clear 4K video and up to 31 minutes of flight time. This platform is ideal for small spaces and indoor flights when equipped with propeller guards.
Cost: \$599, Quantity: 7
- f. PARROT ANAFI THERMAL: Featuring the FLIR® Lepton 3.5 microbolometer (radiometric) thermal imager with a resolution of 160x120. An ultra-compact and portable drone capable of stunning 4K HDR aerial videography, and thermal imaging that can help a variety of professional industries. The dual sensors have been made to work in full synchronization, blending the thermal imaging over the visible footage.
Cost: \$1,600, Quantity: 4
- g. DJI MATRICE 350 RTK: Long distances and extreme weather. The Matrice 350 RTK is built to handle demanding professional missions in harsh environments. The O3 Enterprise transmission uses a four-antenna system for control and live data feeds up to 12.4 miles away. The motor of the drone is capable of horizontal speeds up to 52 MPH. There are many payloads available including various cameras, LED light, and loudspeaker.
Cost: \$11,700, Quantity: 3

- h. DJI MATRICE 30T: The M30T model integrates a 48-megapixel ½” CMOS sensor-zoom camera with 5x-16x optical and 200x digital zoom, a 12-megapixel wide-angle camera, 8K photo, 4K/30 fps video resolution, and a laser rangefinder which can give precise coordinates of objects up to 1,200 meters away.

Cost: \$9,600, Quantity: 2 (1 to be acquired in fiscal year 2025-2026 pending approval by the Board of Supervisors.)

- i. DJI MAVIC 3 ENTERPRISE: The Mavic 3E redefines industry standards for small commercial drones. With a mechanical shutter, a 56x zoom camera, and an RTK module for centimeter-level precision, the Mavic 3E brings mapping and mission efficiency to new heights. Key features include up to 45 minutes of flight time, 4/3 CMOS 20 Megapixel wide angle lens, and the ability to survey 2 square kilometers per flight.

Cost: \$3,800, Quantity: 1

- j. DJI MAVIC 3 THERMAL: The Mavic 3 Thermal is equipped with a 12 MP zoom camera, supporting up to 56x max hybrid zoom and a 640x512 resolution thermal camera. Key features include up to 45 minutes of flight time, 4/3 CMOS 20 Megapixel wide angle lens, and the ability to survey 2 square kilometers per flight.

Cost: \$5,700, Quantity: 2

- k. SKYDIO X10: Equipped with an onboard NVIDIA Jetson Orin GPU which makes this one of the most intelligent UAVs on the market. The Skydio X10 Drone is designed, assembled, and supported in the United States of America. It has a maximum flight speed of 45 miles per hour, and a maximum flight time of 40 minutes. It will come equipped with a camera system which includes a narrow camera, a telephoto camera, as well as a radiometric thermal camera. It will also include obstacle avoidance equipment for day and night missions.

Cost: \$16,500, Quantity: 2

2. Purpose:

To be deployed when its view would assist officers or incident commanders with the following situations, which include but are not limited to:

- a. Post-incident crime scene preservation and documentation,
- b. Bomb Squad missions,
- c. Response to hazardous materials spills,
- d. Traffic collision investigations,
- e. Search and Rescue (SAR) missions as defined in the Department SAR Operations Manual,
- f. Public safety and life preservation missions to include, but not be limited to, calls for service, barricaded suspects, hostage situations, active shooters, apprehension of armed and dangerous and/or violent suspects, and high-risk search warrants,
- g. Disaster response and recovery to include natural or human caused disasters including a full overview of a disaster area for post incident analysis and documentation,
- h. Training flights in support of the Department UAV Training Manual,
- i. For fire response and prevention,
- j. When there is probable cause to believe that (1) the UAV may record images of a place, thing, condition, or event; and (2) that those images would be relevant in proving that a crime had occurred or is occurring, or that a particular person committed or is committing a crime and use of the UAV

does not infringe upon the reasonable expectation of privacy,

- k. Pursuant to a search warrant,
- l. Inspection of Orange County property and facilities, to include OCIAC locations designated under the US Department of Homeland Security's Critical Infrastructure Sectors,
- m. Production of video for the Department and other County of Orange agencies/departments for promotional, educational and/or training purposes.

3. Authorized Use:

Only assigned operators who have completed the required training shall be permitted to operate any UAV during approved missions.

4. Expected Lifespan:

All UAV equipment has an estimated lifespan of 3-5 years.

5. Fiscal Impact:

The estimated annual cost of the UAV program maintenance is \$9,000.

6. Training:

All Department UAV operators will be licensed by the Federal Aviation Administration for UAV operation under 14 CFR Part 107. In addition, each operator must attend ongoing currency flights and training.

7. Legal and Procedural Rules:

The Department will only deploy the UAV for official law enforcement purposes or approved missions pursuant to applicable Federal & State laws, OCSU UAV Policy 308, and in a manner that respects the privacy of our community.

Hazardous Duty Unmanned Vehicle, Robot: A heavy-duty remote controlled, tracked, robotic ground vehicle equipped with cameras, two-way audio communication, articulating arm with gripper, and a variety of remotely actuated tool options.

1. Description, capabilities, quantity and cost:

REMOTEC ANDROS F6A/B HAZARDOUS DUTY UNMANNED VEHICLE: A remotely operated hazardous duty robotic platform providing Certified Public Safety Bomb Technicians with the ability to remotely access, investigate, and render safe suspected hazardous devices and items. The F6A/B is a multi-mission platform which also provides Bomb Technicians with the ability to gain access to and observe the interior/exterior of a structure or location. This capability increases the safety of community members, public safety personnel, and suspects by providing the robot operator with the ability to observe and locate subjects and hazardous items without the risk of a face-to-face confrontation or unnecessary exposure to hazardous devices or materials. Additionally, the remote, two-way, communication capability allows personnel to de-escalate situations by negotiating the surrender of barricaded subjects. Robot may be controlled wirelessly with two-way radio frequency transceivers or spooled fiber optic line.

Cost: \$250,000, Quantity: 3 (1 Andros F6A awaiting upgrade to Andros Spartan)

2. Purpose:

The Remotec Andros is a multi-mission capable platform, which may be utilized for accessing, investigating, and rendering safe hazardous devices, providing tactical support during SWAT deployments, allowing for two-way communication and remote delivery of throw phones during crisis negotiations, and deployment of various detectors for monitoring hazardous materials.

3. Authorized Use:

The tactical robot shall only be deployed by Department personnel trained in its use, and with the approval of the SWAT Commander, Watch Commander, or their designee.

4. Expected Lifespan:

The remaining lifespan is approximately 5-10 years.

5. Fiscal Impact:

Annual maintenance costs under contract, not to exceed \$10,000.

6. Training:

Only Certified Public Safety Bomb Technicians are authorized to deploy the Remotec Andros F6A/B platform operationally. All Bomb Technicians receive robot operations training during the FBI Basic Bomb Technician Certification Course and all robot operators shall receive the initial training before deploying the robot in the field.

7. Legal and Procedural Rules:

The Department shall only utilize the robot for official law enforcement purposes and pursuant to State and Federal Law.

Transcend Vantage Tactical Robot (TR0560): A remotely controlled, tracked, robot equipped with cameras, two-way audio communication, and CS smoke deployment capabilities.

1. Description, capabilities, quantity and cost:

TRANSCEND VANTAGE TACTICAL ROBOT: A remotely operated tactical robot providing officers with the ability to observe the interior/exterior of a structure or location. This capability increases the safety of community members, officers, and suspects by providing the operator with the ability to observe and locate subjects without the risk of a face-to-face confrontation. Additionally, the remote, two-way, communication capability allows operators to de-escalate situations by negotiating the surrender of barricaded subjects. It also provides an option of transporting and deploying a CS smoke canister into an area without exposing personnel to the threat area.

Cost: \$10,475, Quantity: 1

2. Purpose:

To be used during tactical incidents to safely search the interior/exterior of structures and locations without exposing officers and/or community members to the risk of a face-to-face confrontation or hazard areas.

3. Authorized Use:

The tactical robot shall only be deployed by Department personnel trained in its use, and with the approval of the SWAT Commander, Watch Commander, or their designee.

4. Expected Lifespan:

The robot's lifespan is approximately 10 years.

5. Fiscal Impact:

Annual maintenance cost of approximately \$500.

6. Training:

All operators shall receive initial training before deploying the robot in the field.

7. Legal and Procedural Rules:

The Department shall only utilize the robot for official law enforcement purposes and pursuant to State and Federal Law.

Recon Robotics – Throwbot: The Recon Robotics robot is a throwable micro-robot platform that enables operators to obtain instantaneous video and audio reconnaissance within indoor or outdoor environments.

1. Description, capabilities, quantity, and cost:

RECON ROBOTICS – THROWBOT: A remotely operated tactical robot providing officers with the ability to observe the interior/exterior of a structure or location. This capability increases the safety of community members, officers, and suspects by providing the operator with the ability to observe and locate subjects without the risk of a face-to-face confrontation. Designed to withstand repeated drops, the robot can be thrown into hazardous situations in order to allow operators to quickly make informed decisions from behind positions of cover.

Cost: \$10,000 full kit (2), \$6,000 robot only (4), Quantity: 6

2. Purpose:

To be used during tactical incidents to safely search the interior/ exterior of structures and locations without exposing officers and/or community members to the risk of a face-to-face confrontation or hazard areas.

3. Authorized Use:

The tactical robot shall only be deployed by Department personnel trained in its use.

4. Expected Lifespan:

The robot's lifespan is approximately 10 years.

5. Fiscal Impact:

Annual maintenance cost of approximately \$200.

6. Training:

All operators shall receive initial training before deploying the robot in the field.

7. Legal and Procedural Rules:

The Department shall only utilize the robot for official law enforcement purposes and pursuant to State and Federal Laws.

TELEDYNE – FLIR PACKBOT 525: A transportable multi-mission robot remote controlled, tracked road wheel system, equipped with HD & thermal imaging cameras, 2-way audio communication, capable operating in CBRN & Hazardous Material environments.

1. Description, capabilities, quantity and cost:

TELEDYNE-FLIR PACKBOT 525: A remotely operated robot purposely designed to operate in hazardous environments specific to Bomb Squad & Explosive Ordnance Disposal (EOD) operations. This robot gives public safety bomb technicians the ability to examine suspicious items and the ability to perform render safe operations on suspected destructive devices or weapons of mass destruction remotely. It also has the capability to interface CBRN & Hazardous Material sensors on the robot to conduct area surveying to determine if an environment is safe for personnel to enter. With this capability, the robot, operators can maintain a safe distance from the incident and move items remotely without jeopardizing the public or personnel.

Cost: \$268,000, Quantity: 2

2. Purpose:

To be used during incidents involving suspected destructive devices, CBRN, Hazardous Materials,

explosive environments to limit the exposure of public safety bomb technicians.

3. Authorized Use:

This robot is deployed for incidents involving hazardous environments that present a danger to the public and first responders and can only be operated by FBI trained and certified public safety bomb technicians. The use of the robot is dependent on the situation/incident and authorized by the jurisdiction of the agency the Orange County Sheriff's Department – Hazardous Devices Section (HDS) – Bomb Squad is assisting. Use will be approved by the on-scene Bomb Squad Commander.

4. Expected Life Span:

Life expectancy for this type of robotics platform is 10+ years.

5. Fiscal Impacts:

Annual maintenance cost is expected to be \$500 a year for each robot.

6. Training:

All OCSD HDS personnel will receive initial training prior to the deployment of this robot. Bomb technicians will be required to undergo annual robotics training to maintain proficiency with this piece of equipment. This annual training will also include scheduled maintenance checks to ensure the robot is being properly maintained and in good working condition to deploy on critical incidents.

7. Legal & Procedural Rules:

The Orange County Sheriff's Department shall only utilize the robot for official law enforcement purposes and pursuant to State and Federal Law.

CATEGORY 2 - MINE-RESISTANT AMBUSH-PROTECTED (MRAP) VEHICLES OR ARMORED PERSONNEL CARRIERS

Armored Rescue Vehicles (ARVs): Commercially-produced, ballistically protected, wheeled vehicles designed for law enforcement purposes.

1. Description, capabilities, quantity and cost:

- a. LENCO BEAR: The Lenco BEAR is an armored rescue vehicle that provides its occupants with ballistic protection beyond ballistic shields or personal body armor. It offers greater safety to community members and officers during high-risk incidents. It is capable of seating a driver and 10-12 passengers.

Cost: \$293,745, Quantity: 1

- b. LENCO BEARCAT: The Lenco BEARCAT is an armored rescue vehicle that provides its occupants with ballistic protection beyond ballistic shields or personal body armor, offering greater safety to community members and officers during high-risk incidents. The BEARCAT is smaller than the BEAR, providing greater mobility in tight city streets. The BEARCAT is equipped with a gas injection system as well as a camera pole. It is capable of seating a driver and seven (7) passengers.

Cost: \$406,470.63, Quantity: 2

- c. INTERNATIONAL ARMORED GROUP (IAG) ARMORED FORD F350 RESCUE VAN: The IAG Armored Van is an armored rescue vehicle that provides its occupants with ballistic protection beyond ballistic shields or personal body armor. It offers greater safety to community members and officers during high-risk incidents. It is capable of seating a driver and 10-12 passengers.

Cost: \$146,275, Quantity: 1

- d. FORD E350 ARMORED MEDICAL TRANSPORT VAN (MTV): The Ford E350 Armored MTV is an armored rescue vehicle that provides its occupants with ballistic protection beyond ballistic shields

or personal body armor, offering greater safety to community members and officers during high-risk incidents. It is capable of seating a driver and seven (7) passengers.

Cost: \$138,000, Quantity: 1

2. Purpose:

Used in response to critical incidents to enhance officers and community safety, improve scene containment and stabilization, and assist in resolving critical incidents. Additionally, the ARVs may be deployed as displays for community outreach events.

3. Authorized Use:

The ARVs' use shall only be authorized by a Watch Commander or SWAT Commander based on the specific circumstances of a given critical incident. ARVs shall only be used by personnel trained in their deployment and in a manner consistent with Department policies/procedures.

4. Expected Lifespan:

All ARVs have an estimated lifespan of 10-15 years.

5. Fiscal Impact:

- a. Lenco BEAR: The Lenco BEAR was purchased in 2005 using UASI grant funding. Annual maintenance cost: \$6,600
- b. Lenco BEARCAT: The Lenco BEARCAT was purchased in 2018 using Department funding. An additional BEARCAT was purchased in 2024 using Department funding. Annual maintenance cost: \$12,000
- c. International Armored Group (IAG), Armored Ford F350 Rescue Van: The IAG Armored Rescue Van was purchased in 2018 using Department funding. Annual maintenance cost: \$6,000
- d. Ford E350 Armored Medical Transport Van (MTV): The Ford E350 Armored MTV was purchased in 1998 with Department funding. Annual maintenance cost: \$6,000

6. Training:

All drivers/operators shall attend formalized instruction in vehicle operations, practical driving instruction, and deployment procedures.

7. Legal and Procedural Rules:

Armored personnel carriers will only be operated by Department members who have been trained in their operation and according to Department Policy.

Tactical Tractor: Commercially produced, ballistically protected, tractor vehicles designed for law enforcement purposes.

1. Description, capabilities, quantity and cost:

THE RING POWER "THE ROOK" TACTICAL TRACTOR: A Caterpillar 299D3 with a cab, A/C, two-speed, self-level, dual level suspension undercarriage, advanced machine information and control system. The ROOK comes equipped with an electro/hydraulic implement control, RH; electro/hydraulic hydrostatic transmission control LH; hand and foot throttle, 12-volt electrical system, 100 ampere alternator, gauges, operator warning system indicators, a cloth seat with an ergonomically contoured armrest and a control interlock system. In addition, the machine carries a Cat C3.8 DIT Turbo, Tier IV compliant diesel engine that has 98 net HP @ 2500 RPM, SOS Sampling valves, Engine Oil and Hydraulic Oil, Tilt up Radiator/Hydraulic Oil Cooler, Lockable Engine Enclosure, 4 Machine Tie Down Points. The ROOK comes with ballistic resistant glass and is SCBA compatible for Hazardous Material and WMD response. NVR (Network Video Recorder), WIFI, Transmitting Capability and dual modem with

FirstNet capability.

Cost: \$509,799, Quantity: 1

2. Purpose:

Used in response to critical incidents to enhance officers and community safety, improve scene containment and stabilization, and assist in resolving critical incidents. Additionally, the tactical tractor may be deployed as displays for community outreach events.

3. Authorized Use:

The tactical tractor's use shall only be authorized by a Watch Commander or SWAT Commander based on the specific circumstances of a given critical incident. Tactical tractor shall only be used by personnel trained in their deployment.

4. Expected Lifespan:

All tactical tractors have an estimated lifespan of 10-15 years.

5. Fiscal Impacts:

Annual maintenance cost is \$6,000.

6. Training:

All drivers/operators shall attend formalized instruction in vehicle operations, practical driving instruction, and deployment procedures.

7. Legal & Procedural Rules:

The Orange County Sheriff's Department shall only utilize the tractor for official law enforcement purposes pursuant to State and Federal Laws.

CATEGORY 3 - HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLES (HMMWV), COMMONLY REFERRED TO AS HUMVEES, TWO AND ONE-HALF-TON TRUCKS, FIVE-TON TRUCKS, OR WHEELED VEHICLES THAT HAVE A BREACHING OR ENTRY APPARATUS ATTACHED.

HIGH MOBILITY MULTIPURPOSE WHEELED VEHICLES (HMMWV): Humvees (HMMWV) are utilized by Department personnel for Search and Rescue transportation as well as parade and non-enforcement special events with community relations programs and the public.

1. Description, capabilities, quantity and cost:

- a. AM GENERAL/H1: #M1038, Four door, four-wheel drive utility vehicle with light bar, siren, and casualty litter. Assigned to Search and Rescue.

Cost: Donated, Quantity: 1

- b. AM GENERAL/H1: Hummer, Four door, four-wheel drive utility vehicle with light bar, siren. Designated for Public Relations events.

Cost: Donated, Quantity: 3

2. Purpose:

Allow personnel to gain access to areas that patrol vehicles cannot traverse while conducting search and rescue operations. Vehicles are also used for public relations events.

3. Authorized Use:

Used in search and rescue operations and public relations events.

4. Expected Lifespan:

An AM General H1 Hummer has an estimated lifespan of 10-15 years.

5. Fiscal Impact:

Annual maintenance cost for each AM General Hummer H1 is approximately \$6,000.

6. Training:

Drivers/operators shall receive safe handling and maneuvering training on a closed training course.

7. Legal and Procedural Rules:

High mobility multipurpose wheeled vehicles will only be operated by Department members who have been trained in their operation and according to Department Policy.

CATEGORY 4 - TRACKED ARMORED VEHICLES THAT PROVIDE BALLISTIC PROTECTION TO THEIR OCCUPANTS AND UTILIZE A TRACKED SYSTEM INSTEAD OF WHEELS FOR FORWARD MOTION

N/A

CATEGORY 5 - COMMAND AND CONTROL VEHICLES THAT ARE EITHER BUILT OR MODIFIED TO FACILITATE THE OPERATIONAL CONTROL AND DIRECTION OF PUBLIC SAFETY UNITS

SWAT Mobile Command Vehicle (MCV): A vehicle used during critical incidents as a field-based command post, providing Incident Commanders with access to Department computer systems and radio communication center.

1. Description, capabilities, quantity and cost:

CHEVY C5500 CHASSIS (NORTH-STAR CUSTOM BUILT) VEHICLE: The SWAT MCV is utilized for SWAT/CNT and other critical incidents, significant, preplanned events, searching for missing persons, natural disasters, and community events in which SWAT is involved.

Cost: \$230,728.29, Quantity: 1

2. Purpose:

Used for critical incidents based on the circumstances of a specific event, large event, or natural disaster to effectively and efficiently serve the community.

3. Authorized Use:

Only personnel trained in the use and deployment of the MCV, shall drive the vehicle under the direction of the Special Enforcement Bureau or their designee. Situations where the MCV may be deployed include, but are not limited to, critical incidents, natural disasters, and emergencies.

4. Expected Lifespan:

The MCV has an estimated lifespan of 15-years; however, upgrades are required in 5-year intervals to maintain communications and IT systems.

5. Fiscal Impact:

The MCV was purchased in 2007 using UASI grant funding. Annual maintenance cost is \$5,500.

6. Training:

Drivers/operators shall receive safe handling and maneuvering training on a closed training course. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle with an experienced driver throughout the city. Driver/operators shall also undergo commercial vehicle testing and certification from the California Department of Motor Vehicles.

7. Legal and Procedural Rules:

Command and control vehicles will only be operated by department members who have been trained in their operation and according to Department Policy.

Mobile Command Post Trailer:

1. Description, capabilities, quantity and cost:

2002 AK SPECIALTY COMMAND TRAILER 53': The mobile command post (MCP) trailer provides the Department the technological capabilities during civil unrests, protests, special events, and mutual aid requests. The MCP would provide the Mutual Aid Bureau the ability to deploy the trailer to a scene.

Cost: \$1,500,000, Quantity: 1

2. Purpose:

A vehicle used during critical incidents as a field-based command post, providing Department Members with access to Department computer systems and a radio communication center.

3. Authorized Use:

Only personnel trained in the use and deployment of the MCP, shall drive the vehicle under the direction of the Special Operations Division or their designee. Situations where the MCP may be deployed include, but are not limited to, critical incidents, natural disasters, and emergencies.

4. Expected Lifespan:

The MCP has an estimated lifespan of 20 years.

5. Fiscal Impacts:

Annual maintenance cost is \$100,000.

6. Training:

Operators/driver shall receive safe handling and maneuvering training on a closed training course. Once the operator has shown competence in vehicle handling, the driver/operator will drive the vehicle with an experienced driver throughout the city. Driver/operators shall also undergo commercial vehicle testing and certification from the California Department of Motor Vehicles.

7. Legal & Procedural Rules:

The Orange County Sheriff's Department shall only utilize the MCP for official law enforcement purposes pursuant to State and Federal Laws.

Mobile Command Post (MCP):

1. Description, capabilities, quantity and cost:

2017 FREIGHTLINER M2 40': The mobile command post (MCP) gives the Department the technological capabilities during civil unrests, protests, special events, and mutual aid requests. The MCP would give the Mutual Aid Bureau the ability to deploy the additional trailer to a scene.

Cost: \$714,998.88, Quantity: 1

2. Purpose:

This is a Class "B" truck-based vehicle. The vehicle is assigned to the OCSD Transportation Bureau (#7412). This is deployed for homicides and other major criminal incidents. The Command Post has a small conference room, several general OCSD workstation computers, and a dispatch center. It has the capability of data satellite communications in the event that it is deployed in remote areas. The Command Post has an onboard generator for powering all of the onboard equipment. The onboard generator draws fuel from the vehicle's fuel tank. The Command Post gets connected to a fixed electrical supply ("Shore Power") via an extension cord as soon as possible. If "shore power" is not available, it can be connected

to an external, trailer-mounted generator delivered by OCSD Research and Development. The trailer-mounted generator has its own fuel tank which needs to be refilled approximately every 3-4 days by OC Public Works.

3. Authorized Use:

Only personnel trained in the use and deployment of the MCP, shall drive the vehicle under the direction of the IRC/Transportation Division or their designee. Situations where the MCP may be deployed include, but are not limited to, critical incidents, natural disasters, and emergencies.

4. Expected Lifespan:

The Mobile Command Post has an estimated lifespan of 15-20 years.

5. Fiscal Impacts:

Annual maintenance cost is approximately \$15,000.

6. Training:

Operators/driver shall receive safe handling and maneuvering training on a closed training course. Once the operators/driver has shown competence in vehicle handling, the operators/driver will drive the vehicle with an experienced driver throughout the city. Operators/driver shall also undergo commercial vehicle testing and certification from the California Department of Motor Vehicles.

7. Legal & Procedural Rules:

The Orange County Sheriff's Department shall only utilize the MCP for official law enforcement purposes pursuant to State and Federal Laws.

Mobile Command Center (MCC):

1. Description, capabilities, quantity and cost:

2006 SPARTAN CHASSIS EAGLE 40': The Mobile Command Center (MCC) provides the Department technological capabilities during civil unrests, protests, special events, and mutual aid requests. The project would give the Mutual Aid Bureau the ability to deploy the MCC to the scene.

Cost: \$365,117, Quantity: 1

2. Purpose:

This is a Class "B" truck-based vehicle is assigned to the OCSD Transportation Bureau (#7412). This is deployed for homicides and other major criminal incidents. The MCC has a small conference room, several general OCSD workstation computers, and a dispatch center. It has the capability of data satellite communications in the event that it is deployed in remote areas. The MCC has an onboard generator for powering all of the onboard equipment. The onboard generator draws fuel from the vehicle's fuel tank. The MCC gets connected to a fixed electrical supply ("shore power") via an extension cord as soon as possible. If "shore power" is not available, it can be connected to an external, trailer-mounted generator delivered by OCSD Research and Development. The trailer-mounted generator has its own fuel tank which needs to be refilled approximately every 3-4 days by OC Public Works.

3. Authorized Use:

Only personnel trained in the use and deployment of the MCP, shall drive the vehicle under the direction of the IRC/Transportation Division or their designee. Situations where the MCP may be deployed include, but are not limited to, critical incidents, natural disasters, and emergencies.

4. Expected Lifespan:

The Mobile Command Center has an estimated lifespan of 15-20 years.

5. Fiscal Impacts:

Annual maintenance cost is approximately \$15,000.

6. Training:

Operators/driver shall receive safe handling and maneuvering training on a closed training course. Once the operators/driver has shown competence in vehicle handling, the operators/driver will drive the vehicle with an experienced driver throughout the city. Operators/driver shall also undergo commercial vehicle testing and certification from the California Department of Motor Vehicles.

7. Legal & Procedural Rules:

The Orange County Sheriff's Department shall only utilize the MCC for official law enforcement purposes pursuant to State and Federal Laws.

Mobile Command Trailer:

1. Description, capabilities, quantity and cost:

KEYSTONE 30': The Mobile Command Trailer (MCT) is an enclosed 2004 Keystone travel trailer approximately 30' in length. The MCT has a small conference table/workstation suitable for at least two laptop computers. It also has dispatch capabilities for 800 MHZ and 400MHZ, an on-board generator, a printer, and two TV monitors for camera downloads or computer screen sharing.

Cost: \$0, Acquired through HCA at no cost, Quantity: 1

2. Purpose:

Primarily used for Search and Rescue missions but has the capabilities to assist during civil unrests, protests, special events, and mutual aid requests. A vehicle used during critical incidents as a field-based command post, providing Incident Commanders with access to Department computer systems (via laptop) and radio communication center.

3. Authorized Use:

Authorized Use: Only personnel trained in the use and deployment of this MCT, shall tow the vehicle under the direction of the Special Operations Division or their designee. Situations where the MCT may be deployed include, but are not limited to, critical incidents, natural disasters, and emergencies.

4. Expected Lifespan:

The Command Trailer has an estimated lifespan of 20-25 years.

5. Fiscal Impacts:

Annual maintenance cost is \$2,500.

6. Training:

Drivers/operators shall receive safe handling and maneuvering training on a closed training course. Once the driver/operator has shown competence in vehicle towing and handling, the driver/operator will tow the vehicle with another experienced driver throughout the county when needed.

7. Legal & Procedural Rules:

The Orange County Sheriff's Department shall only utilize the MCT for official law enforcement purposes pursuant to State and Federal Laws.

Mobile Command Post Trailer:

1. Description, capabilities, quantity and cost:

BRAUN NORTHWEST FORD F750 CHASSIS MOBILE COMMAND POST (MCP) TRAILER: The Braun Northwest Ford F750 Chassis mobile command post (MCP) trailer provides Department technology capabilities during civil unrest, protests, special events, and mutual aid requests. The

acquisition of this MCP will give the Mutual Aid Bureau the ability to deploy the trailer to a scene.

Cost: \$1,500,000, Quantity: 1 (Approved by the Board of Supervisors in 2023, yet to be acquired.)

2. Purpose:

A vehicle used during critical incidents as a field- based command post, providing Department Members access to Department computer systems and radio a communication center.

3. Authorized Use:

Only personnel trained in the use and deployment of the MCP, shall drive the vehicle under the direction of the Special Operations Division or their designee. Situations where the MCP may be deployed include, but are not limited to, critical incidents, natural disasters, and emergencies.

4. Expected Lifespan:

Estimated lifespan of 20 years.

5. Fiscal Impacts:

Annual maintenance cost is \$5,000.

6. Training:

Drivers/Operators shall receive safe handling and maneuvering training on a closed training course. Once the driver/operator has shown competence in vehicle handling, the driver/operator will drive the vehicle with an experienced driver throughout the city. Driver/operators shall also undergo commercial vehicle testing and certification from the California Department of Motor Vehicles.

7. Legal & Procedural Rules:

The Orange County Sheriff's Department shall only utilize the MCP for official law enforcement purposes pursuant to State and Federal Laws.

CATEGORY 6 - WEAPONIZED AIRCRAFT, VESSELS, OR VEHICLES OF ANY KIND

N/A

CATEGORY 7 - BATTERING RAMS, SLUGS AND BREACHING APPARATUSES THAT ARE EXPLOSIVE IN NATURE

Breaching Shotguns and Munitions: Shotguns and specialty munitions utilized to access secured structures.

1. Description, capabilities, quantity and cost:

- a. BREACHING SHOTGUN MODIFIED REMINGTON 870: Remington 870 shotgun modified for breaching- The breaching shotgun is a Remington 870 shotgun that is shortened and modified to improve maneuverability and effectiveness to access structures in a tactical environment.

Cost: \$1,000, Quantity: 3

- b. ROYAL ARMS TESAR-1 ORANGE CAP 275 GR. COPPER FRANGIBLE: The 12-gauge Royal Arms Tesar-1 Breaching Round is a 12-gauge shell loaded with a compressed copper frangible slug. It is a widely used method to breach door locks or hinges for entry during tactical operations. When properly deployed, the Royal Arms Tesar-1 Breaching Round can defeat door lock mechanisms, doorknobs, hinges, deadbolts, safety chains, and padlocks on both solid wood or hollow core doors. Upon impact with the target, the compressed copper slug disintegrates into a fine powder reducing fragmentation.

Cost: \$8, Quantity: 0

- c. ROYAL ARMS TESAR-2 BLACK CAP 425 GR. COPPER FRANGIBLE: The 12-gauge Royal Arms Tesar-2 Breaching Round is a 12-gauge shell loaded with a compressed copper frangible slug. It is a widely used method to breach door locks or hinges for entry during tactical operations. When

properly deployed, the Royal Arms, Tesar-2 Breaching Round can defeat door lock mechanism, doorknobs, hinges, deadbolts, safety chains, and padlocks on metal doors, solid wood, or hollow core doors. Upon impact with the target, the compressed copper slug disintegrates into a fine powder reducing fragmentation.

Cost: \$8, Quantity: 24

- d. ROYAL ARMS TESAR-1 – ORANGE CAP – 260 GR.: The 12 gauge 2-3/4" Royal Arms Tesar #1 Breaching Round is a 12 gauge shell loaded with a compressed copper frangible slug. It is a widely used method to breach door locks or hinges for entry during tactical operations. When properly deployed, the Royal Arms Tesar #1 Breaching Round can defeat solid wood doors, locks, and hinges. Upon contact with the target, the compressed copper slug disintegrates into a fine powder reducing fragmentation.

Cost per round \$8, Quantity: 208 rounds

- e. ROYAL ARMS TESAR-2 – BLACK CAP – 400 GR.: The 12 gauge 2-3/4" Royal Arms is a 12 gauge shell loaded with a compressed copper frangible slug. It is a widely used method to breach door locks or hinges for entry during tactical operations. When properly deployed, the Royal Arms Tesar #2 Breaching Round can defeat wood doors, locks, cross-bolts, and hinges. Upon contact with the target, the compressed copper slug disintegrates into a fine powder reducing fragmentation.

Cost per round \$6.50, Quantity: 74 rounds

- f. FTR-P1 TRAINING ROUNDS – 48 GR.: The 12 gauge 2-3/4" Royal Arms is a 12 gauge shell loaded with loaded with #4 polyethylene shot. With proper training, this round can be used in "Less Than Lethal" Riot, Crowd Control, and animal applications.

Cost per round \$2.50, Quantity: 0

2. Purpose:

Used to defeat locking mechanisms on doors or gates to quickly gain access to a structure.

3. Authorized Use:

Breaching shotguns and munitions shall only be utilized by trained members of the Department's SWAT Team.

4. Expected Lifespan:

- a. Remington Breaching Shotguns: 10 years.
- b. Royal Arms Breaching Rounds: 5 years.

5. Fiscal Impact:

Annual maintenance of shotguns is approximately \$250.

6. Training:

All SWAT Team members deploying breaching shotguns and munitions shall receive initial training before utilizing them in the field.

7. Legal and Procedural Rules:

The Department will only utilize breaching shotguns and munitions for official law enforcement purposes in accordance with State and Federal laws.

CATEGORY 8 - FIREARMS OF .50 CALIBER OR GREATER

Rifles: Shoulder-fired firearms, with rifling cut into its barrel, intended to cause projectiles to spin, improving accuracy over a long distance.

1. Description, capabilities, quantity and cost:

MCMILLAN TAC-50 - .50 CALIBER: the McMillan TAC-50 Tactical Rifle features a 29" match grade fluted barrel, Jewel trigger, long range high powered scope, detachable magazine, and gray finish. The McMillan TAC-50 delivers optimal long range accuracy and reliability.

Cost: \$12,850, Quantity: 2

2. Purpose:

Used as precision weapons to address threats that exceed the capability of the Department's standard-issue handgun.

3. Authorized Use:

Only members POST certified in the use of the rifle are authorized to deploy them in the field.

4. Expected Lifespan:

MCMILLAN TAC 50 Rifle: 10 years.

5. Fiscal Impact:

Annual maintenance for each rifle is approximately \$100.

6. Training:

Prior to deploying a rifle, members must complete a POST certified course in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize firearms in accordance with State laws, Federal laws and Department policy.

CATEGORY 9 - AMMUNITION OF .50 CALIBER OR GREATER**1. Description, capabilities, quantity and cost:**

H&M .50 CALIBER 750 GRAIN RIFLE ROUND: The H&M .50 Caliber rifle ammunition is loaded to stringent specifications to guarantee proper ignition and provide consistent, pinpoint accuracy. Each component was selected to ensure uniformity which when coupled with strict quality control means that each round will be loaded to the proper length, consistent charges, consistent pressure, optimal velocity, and repeatable accuracy. This 50 BMG ammunition performs as well or better than hand loads. This rifle ammunition is loaded with one of the most accurate and consistent match bullets in the world: the 750 grain A-Max Boat Tail. Coupled with precision swagged cores and manufactured to the tightest standards in the industry.

Cost: \$8 per round, Quantity: 62

2. Purpose:

To be used in Department rifles to address lethal threats to the community and Department personnel with greater accuracy, enhancing community safety.

3. Authorized Use:

Only members who are POST certified in the use of the rifle are authorized to utilize rifle ammunition.

4. Expected Lifespan:

The ammunition listed above does not have an expiration date.

5. Fiscal Impact:

Approximately \$200,000 is used for ordering rifle ammunition.

6. Training:

Prior to deploying a rifle, Members must complete a POST certified course in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize firearms in accordance with State laws, Federal laws and Department policy.

CATEGORY 10 - SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER

Rifles: Shoulder-fired firearms, with rifling cut into its barrel, intended to cause projectiles to spin, improving accuracy over a long distance.

1. Description, capabilities, quantity and cost:

- a. AR-15 Style .223/5.56 Rifle - A lightweight, shoulder-fired, magazine-fed, gas-operated, rifle with a long spirally grooved barrel intended to make a bullet spin and thereby have greater accuracy over a long distance with greater ballistic capabilities than a pistol. Modular accessories aiding in the operation and use may vary on each individual rifle.

- I. 2A ARMAMENT BALIOS 5.56 RIFLE - Cost: Donated, Quantity: 1
- II. BARRETT REC7 5.56 RIFLE - Cost: Donated, Quantity: 1
- III. BRAVO COMPANY BCM4 5.56 RIFLE - Cost: \$1,499.99, Quantity: 593 (100 to be acquired in fiscal year 2025-2026 pending approval by the Board of Supervisors.)
- IV. COLT M4 CARBINE 5.56 RIFLE - Cost: \$1,199 Quantity: 296
- V. DANIEL DEFENSE DDM4 5.56 RIFLE - Cost: Donated, Quantity: 48
- VI. FABRIQUE NATIONALE FN 15 5.56 RIFLE - Cost: Donated, Quantity: 14
- VII. GEISSELE SUPER DUTY RIFLE 5.56 RIFLE - Cost: Donated, Quantity: 5
- VIII. JUGGERNAUT JT-15 5.56 RIFLE - Cost: Donated, Quantity: 1
- IX. LEWIS MACHINE AND TOOL LMT DEFENDER 5.56 RIFLE - Cost: Donated, Quantity: 1
- X. LWRC IC-DI 5.56 RIFLE - Cost: Donated, Quantity: 6
- XI. NOVESKE N3 5.56 RIFLE - Cost: Donated, Quantity: 3
- XII. RADIAN MODEL 1 5.56 RIFLE - Cost: Donated, Quantity: 5
- XIII. ROCK RIVER LAR-15 5.56 RIFLE - Cost: \$1,025, Quantity: 7
- XIV. RUGER AR-556 5.56 RIFLE - Cost: Donated, Quantity: 1
- XV. SMITH & WESSON M&P 15 5.56 RIFLE - Cost: Donated, Quantity: 12
- XVI. SPRINGFIELD ARMORY SAINT EDGE 5.56 RIFLE - Cost: Donated, Quantity: 14

- b. SURGEON SCALPEL 591 SHORT ACTION TACTICAL RIFLE, .308 CALIBER, equipped with rifle High/Low Power Magnification Scope and sound suppressor - Surgeon Rifle's Model Scalpel 591 Short Action Tactical Rifle features an 18" Heavy MTU style barrel, low/high power rifle scope, sound suppressor, detachable magazine, Accuracy International FDE Chassis, muzzle break, and Trigger

Tech trigger. The Surgeon Scalpel 591 Rifle is built around precision.

Cost: \$9,800, Quantity: 12

- c. LaRue Tactical Optimized Battle (OBR) Rifle, .308 Caliber - The Larue OBR 7.62, AR10 Style rifle features a 16.1" barrel, Larue MBT Trigger, Magpul PRS Stock, sound suppressor, and detachable magazine. The Larue OBR is precision built rifle focused on accuracy. The rifle is an AR10 platform which allows for a higher capacity of ammunition in a detachable magazine.

Cost: \$8,815, Quantity: 3

2. Purpose:

A precision weapon used to address a threat with more accuracy at greater distances than a handgun.

3. Authorized Use:

Only members POST certified in the use of the rifle are authorized to deploy them in the field.

4. Expected Lifespan:

- a. AR-15 style .223/5.56 rifles listed above have an expected lifespan between 5 and 10 years depending upon use.
- b. Surgeon Scalpel 591 Tactical Rifle: 8 years
- c. LaRue Tactical Rifle: 8 Years

5. Fiscal Impact:

Annual maintenance for each rifle is approximately \$100.

6. Training:

Prior to deploying a rifle, members must complete a POST certified course in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize firearms in accordance with State laws, Federal laws and Department policy.

Rifle Ammunition: Ammunition specifically designed for use in Department rifles.

1. Description, capabilities, quantity and cost:

- a. SPEER, .223 CALIBER, 62 GR., GOLD DOT SOFT POINT RIFLE AMMUNITION: The Speer .223 Gold Dot Soft Point rifle round is built with a 62 grain lead projectile encased with a copper jacket with the lead tip exposed. The projectile is designed to deform upon impact to significantly limit the amount of over-penetration past the intended barrier. This ammunition is the current issued duty ammunition for duty rifles.

Cost: .51¢ per round, Quantity: 129,084 rounds

- b. BLACK HILLS 5.56 CALIBER 62 GR. TSX RIFLE ROUND: The Black Hills 5.56 Caliber TSX rifle round is built with a 62 grain triple shock (TSX) proprietary bullet constructed of 100 percent copper and contains no lead. These bullets typically retain 100 percent of their original weight and are regarded as one of the best performing 5.56 Caliber loads available.

Cost: \$1.40 per round, Quantity: 3,000 rounds

- c. BLACK HILLS 5.56 CALIBER 77 GR. OTM RIFLE ROUND: The Black Hills 5.56 Caliber 77 OTM

rifle round is a precision built bullet with a 77 grain Sierra Open Tip Match (OTM) bullet. It features a boat tail design to improve long range accuracy. The bullet jacket is constructed of a copper-alloy which is harder than other lead materials.

Cost: \$1.06 per round, Quantity: 1,000 rounds

- d. **FEDERAL AMERICAN EAGLE .223/5.56 CALIBER TRAINING AMMUNITION:** Federal XM193X American Eagle 5.56x45mm NATO 55 grain Full Metal Jacket Boat Tail - 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.

Cost: .30¢ per round, Quantity: 503,000 rounds

- e. **FEDERAL .223/5.56 CALIBER FRANGIBLE TRAINING AMMUNITION:** Federal Frangible .223 Remington ammunition is loaded with a 42 grain Reduced Hazard Training (RHT) bullet. BallistiClean features frangible Reduced Hazard Training bullets that breakup immediately on contact with metal targets, significantly reducing ricochet and backlash danger. BallistiClean loads feature a copper-plated primer and a "NT" (non-toxic) headstamp to clearly identify BallistiClean as a training round at a glance, eliminating confusion with duty rounds. With this Federal ammunition, range operators have no hazardous waste disposal problems and it meets or exceeds all OSHA and EPA standards.

Cost: .58¢, Quantity: 177,000 rounds

- f. **FEDERAL GOLD MEDAL .308 168 GR. RIFLE ROUND:** The Federal Gold Medal .308 Winchester ammunition is new production ammo that features a 168 Grain Sierra MatchKing Hollow Point Boat Tail bullet and a non-corrosive boxer primer. The .308 Winchester ammunition has a brand new never fired virgin brass casing that can be reloaded up to seven times for those shooters that reload their .308 Winchester ammunition. Sierra MatchKing Boat-tail bullet with Federal's proprietary delivery system. Federal's Gold Medal .308 Winchester ammo offers a muzzle speed of 2,650 feet per second and muzzle energy of 2,619 foot pounds.

Cost: .78¢ per round, Quantity: 5,000 rounds

- g. **HORNADY A-MAX TAP .308 CALIBER TRAINING AMMUNITION:** The Hornady A-MAX TAP .308 Winchester 168 grain ammunition offers industry leading all-around performance for law enforcement marksmen providing the ability to stop a threat.

Cost: 98¢ per round, Quantity: 16,200 rounds

- h. **FEDERAL CATALYST .223 CALIBER LEAD-FREE PRIMER TRAINING AMMUNITION:** The Federal American Eagle Catalyst .223 Remington 55 grain ammunition features a lead-free primer and a full metal jacket projectile. 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.

Cost: 55¢ per round, Quantity: 638,500 rounds

- i. **WINCHESTER .223 CALIBER FULL METAL JACKET (FMJ) TRAINING AMMUNITION:** The Winchester .223 Remington 55 grain ammunition consists of only a copper alloy jacket and a lead core, which is ideal for target shooting when terminal expansion would provide no benefit to performance.

Cost: 44¢ per round, Quantity: 360,000 rounds

2. Purpose:

To be used in Department rifles to address lethal threats to the community and Department

personnel with greater accuracy, enhancing community safety.

3. Authorized Use:

Only members POST certified in the use of the rifle are authorized to utilize rifle ammunition.

4. Expected Lifespan:

The ammunition listed above does not have an expiration date.

5. Fiscal Impact:

Approximately \$200,000 is used for ordering rifle ammunition.

6. Training:

Prior to deploying a rifle, members must complete a POST certified course in the operation of the rifle. Additionally, all members that operate any rifle are required to pass a range qualification according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize firearms in accordance with State laws, Federal laws and Department policy.

CATEGORY 11 - ANY FIREARM OR FIREARM ACCESSORY THAT IS DESIGNED TO LAUNCH EXPLOSIVE PROJECTILES

N/A

CATEGORY 12 - "FLASHBANG" GRENADES AND EXPLOSIVE BREACHING TOOLS, "TEAR GAS," AND "PEPPER BALLS"

Sting-Ball: A device used as a crowd management tool.

1. Description, capabilities, quantity and cost:

CTS #9590, #9593, #9594 - NON IRRITANT STING-BALL: These less lethal devices are multi- effect with a loud blast, bright flash and dispersion of stinging approximately 180 .31 caliber rubber balls. There is a fuse delay approximately 2.5 seconds with an approximate 50 foot effective radius. This device can be used as a diversionary device as well as less lethal.

Cost: \$56.65, Quantity: 1,286

2. 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.

3. Authorized Use:

Situations where the deployment of less-lethal impact or munitions are authorized include but are not limited to:

- a. Self-destructive, dangerous, and/or combative individuals
- b. Circumstances where a tactical advantage can be obtained

4. Expected Lifespan:

Sting-balls have a life span of 5 years.

5. Fiscal Impact:

Annual maintenance for all sting-balls is \$50 total.

6. Training:

Prior to deploying the Sting-Ball, members must complete a POST certified course in the operation of the Sting-Ball. Additionally, all members that operate any Less Lethal Devices are required to pass a qualification course of instruction according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize less lethal devices in accordance with State laws, Federal laws and Department policy.

Light Sound Diversionary Devices (LSDD): A device used to distract or divert a person's attention.

1. Description, capabilities, quantity and cost:

- a. COMBINED TACTICAL SYSTEMS, 7290 FLASH-BANG: A non-bursting, non-fragmenting, light sound diversionary device that emits a bright light and thunderous noise. Ideal for distracting or diverting a potentially dangerous person's or persons' attention. Cost: \$39.53, Quantity: 0
- b. COMBINED TACTICAL SYSTEMS, 7290M MINI FLASH-BANG: A non-bursting, non-fragmenting, light sound diversionary device that emits a bright light and thunderous noise. Ideal for distracting or diverting a potentially dangerous person's or persons' attention. Cost: \$37.15, Quantity: 193
- c. COMBINED TACTICAL SYSTEMS, 7290-9 FLASH-BANG: A non-bursting, non-fragmenting light sound diversionary device that provides 9 unique flash bang actions within a single hand safe assembly.
Cost: \$125, Quantity: 0

2. Purpose:

A light sound diversionary device is ideal for distracting or diverting a person's or persons' attention by emitting a bright light and thunderous noise.

3. Authorized Use:

Light sound diversionary devices shall only be used by trained members of the Department's SWAT Team.

4. Expected Lifespan:

Not listed by the manufacturer.

5. Fiscal Impact:

No annual maintenance.

6. Training:

Prior to deploying a light sound diversionary device, members must complete a POST certified course in the operation of the light sound diversionary device. Additionally, all members that operate any rifle are required to pass a range qualification according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize light sound diversionary devices for official law enforcement purposes and pursuant to State and Federal law.

PepperBall Launcher and Munitions: A device that allows a law enforcement officer to maintain distance from an assailant or crowd.

1. Description, capabilities, quantity and cost:

- a. **TIPPMANN PEPPERBALL LAUNCHER:** Semi-automatic, gas operated launcher, gravity feed, steel barrel with charging handle. The safety is a push button, cross bolt trigger safety. It will launch a standard Pepperball projectile. The projectiles are fired at the velocity of between 300 to 380 feet per second. It has approximately 8 to 10 foot pounds of kinetic energy. Target range is 0-30 feet (individual) and a maximum range of 100 feet (area of saturation).

Cost: \$199.95 (with loader), Quantity: 7

- b. **PEPPERBALL FULL TACTICAL CARBINE (FTC):** Semi-automatic, High Pressure Air (HPA) powered launcher, hopper fed (160 round capacity), smooth bore barrel with top charging handle. The safety is a cross-bolt safety switch. It will launch standard .68 caliber round PepperBall projectiles. The projectiles are fired at a velocity of approximately 280-320 feet per second. It delivers approximately 8-12 foot-pounds of kinetic energy. Effective range for incapacitation is up to 60 feet (18 meters), and a maximum range for area saturation is up to 150 feet (45 meters). It features a MIL-STD-1913 Picatinny rail for accessory mounting.

Cost: \$945.00 (with loader), Quantity: 200 (1 to be acquired in fiscal year 2025-2026 pending approval by the Board of Supervisors.)

- b. **PEPPERBALL INERT PRACTICE PROJECTILES:** Projectiles contain a harmless, scented powder, best suited for practice or direct impact when chemical exposure is not desired, .68 caliber and weigh 3 grams. Cost: .89¢ each, Quantity: 51,672
- c. **LIVE SD™ PROJECTILES:** Projectiles contain 2.0% PAVA. It is effective for direct impact and area saturation. .68 caliber and weighs 3 grams. Cost: \$2.78 each, Quantity: 61,309

2. 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.

3. Authorized Use:

Situations where the deployment of less-lethal impact or munitions are authorized include but are not limited to:

- a. Self-destructive, dangerous, and/or combative individuals
- b. Circumstances where a tactical advantage can be obtained

4. Expected Lifespan:

- a. Pepperball Launcher: 20 years
- b. All Pepperball projectiles have a life span of 3 years.

5. Fiscal Impact:

Annual maintenance for the Pepperball Launcher is approximately \$50 each.

6. Training:

Prior to deploying the pepper ball launcher and munitions, members 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 according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize less lethal devices in accordance with State laws, Federal laws and Department policy.

Chemical Agent and Smoke Canisters: Canisters that disburse chemical agents and/or smoke when deployed.

1. Description, capabilities, quantity and cost:

- a. Combined Tactical Systems, CS Canister, #5230 - The 5230 CS Canister is a large diameter burning device that discharges a high volume of smoke and chemical agent through multiple emission ports. It expels its payload in approximately 20-40 seconds. The payload is discharged through five emission ports. This launchable canister is 6.20 in. by 2.6 in and holds approximately 100 gm of active agent.

Cost: \$27.92, Quantity: 81

- b. Combined Tactical Systems, Outdoor Tactical CS, #8230 - The 8230 Outdoor tactical CS is the smallest diameter burning device that discharges high volume of smoke and chemical agent through multiple emission ports. It expels its payload in approximately 20-40 seconds. This launchable device is 4.90 in. by 1.41 in and holds approximately 195 gm of active agent.

Cost: \$21.12, Quantity: 60

- c. Combined Tactical Systems, White/Blue/Red Smoke Canister, #5210 - The 5210 White/Blue/Red Smoke Canister is a pyrotechnic smoke device used for concealment or as a signaling device. It expels its payload in approximately 20-40 seconds. The payload is discharged through five emission ports. This launchable canister is 6.20 in by 2.60 in and holds approximately 460 gm of active smoke.

Cost: \$26.41, Quantity: 19

- d. Defense Technology, CS Spede-heat Continuous Discharge Chemical CS #1072 - The Spede-Heat CS is high volume, continuous burn and it expels its payload in approximately 20-40 seconds. The payload is discharged through four gas ports on top of the canister, three on the side and one on the bottom. This launchable device is 6.12 in. by 2.62 in. and holds approximately 2.9 oz. of active agent.

Cost: \$26.66, Quantity: 0

- e. Combined Tactical Systems, CS Canister Baffled Grenade, #5230B - The 5230B CS Canister Baffled Grenade is a large diameter burning grenade that discharges a high volume of smoke and chemical agent through multiple emission ports. It expels its payload in approximately 20-40 seconds. The payload is discharged through four emission ports. This launchable canister is 6.20 in. by 2.6 in and holds approximately 25 gm of active agent.

Cost: \$43, Quantity: 81

2. 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.

3. Authorized Use:

Situations where the deployment of less-lethal impact or chemical munitions are authorized include but are not limited to:

- a. Self-destructive, dangerous, and/or combative individuals
- b. Circumstances where a tactical advantage can be obtained
- c. Tactical situations involving the deployment of the Department's SWAT Team.

4. Expected Lifespan:

5 years from manufacturing date.

5. Fiscal Impact:

No annual maintenance costs.

6. Training:

Prior to deploying Chemical Agent and Smoke Canisters, 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.

7. Legal and Procedural Rules:

The Department will only utilize chemical munitions in accordance with State laws, Federal laws and Department policy.

CATEGORY 13 - AREA DENIAL ELECTROSHOCK DEVICES, MICROWAVE WEAPONS, WATER CANNONS, LONG-RANGE ACOUSTIC DEVICES, ACOUSTIC HAILING DEVICES, AND SOUND CANNONS - Specialized tactical equipment (Crisis Negotiations Team – CNT)

Long Range Acoustic Device (LRAD): The 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.

1. Description, cost, quantity, and capabilities:

LONG RANGE ACOUSTIC DEVICE (LRAD) 100X: Self-contained, portable, and featuring an extended voice broadcast range out to 600 meters, the LRAD 100X ensures voice messages are clearly broadcasted. LRAD's optimized driver, waveguide, and power efficiency technology enables the LRAD 100X to provide several hours of clear, continuous communication from a single battery charge.

Cost: \$13,129.27, Quantity: 2

2. Purpose:

To establish a focused, directional sound pattern for targeted communication with subjects in buildings, vehicles, and any other individual within a 600-meter radius. The LRAD 100X ensures law enforcement officers will be able to communicate at a safe distance from the subject. The LRAD 100X may also be used to issue a warning tone. Its use is prohibited for crowd control.

3. Authorized Use:

The LRAD 100X shall only be used by personnel trained in its deployment and used in a manner consistent with State and Federal law and training.

4. Lifespan:

LRAD 100X has an estimated lifespan of 10-25 years.

5. Fiscal Impact:

Annual maintenance cost of approximately \$300.

6. Training:

All operators shall receive initial training before deploying the LRAD 100X in the field.

7. Legal and Procedural Rules:

The Department shall only utilize the LRAD 100X for official law enforcement purposes and pursuant to State and Federal Laws.

CATEGORY 14 - 40MM PROJECTILE LAUNCHERS, "BEAN BAG," RUBBER BULLET, AND SPECIALTY IMPACT MUNITION (SIM) WEAPONS AND THEIR ASSOCIATED MUNITIONS

Less Lethal Remington 870, 12-gauge pump action shotgun and munitions:

1. Description, capabilities, quantity and cost:

- a. LESS LETHAL REMINGTON 870, 12-GAUGE ACTION SHOTGUN: The Remington 870, 12-gauge shotgun has a receiver mounted side saddle, a fore-end mounted flashlight and three-point sling. The stock is painted "ORANGE".

Cost: \$400, Quantity: 108

- b. REMINGTON 870, 12-GAUGE ACTION SHOTGUN GAS LAUNCHER: The Remington 870, 12-gauge shotgun has a receiver mounted side saddle ammunition holder for carrying launching cartridges. It has a fore-end mounted flashlight and three-point sling. The stock is painted "GREEN". This shotgun was modified to fit the Model LC5 launching cup by CTS.

Cost: \$400, Quantity: 2

- c. COMBINED TACTICAL SYSTEMS, 2581 12 GAUGE SUPER-SOCK BEAN BAG, POINT CONTROL IMPACT MUNITION: The 2581 12-gauge super-sock bean bag is fired with the Remington 870, 12-gauge action shotgun. The 2581-12 super sock bean bag weighs 40 grams and has a terminal velocity of 280 ft. per second and delivers kinetic impact energy. The 2581-12-gauge super sock bean bag is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to "unfold" or "stabilize." The super-sock is an aerodynamic projectile, and its accuracy is relative to the shotgun, barrel length, environmental conditions, and the operator. The optimal fire distance of the super-sock is 10 to 40 feet. The effective range is 75 feet. Cost: \$5.18, Quantity: 3,450

- d. COMBINED TACTICAL SYSTEMS, 2600-12 GAUGE LAUNCHING CARTRIDGE MUNITION: The Model 2600 Launching Cartridge is a shortened 12 Gauge cartridge designed to be manually loaded into the chamber for each shot, and used in conjunction with the Model LC5 launching cup.

Cost: \$5.50, Quantity: 0

2. 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.

3. Authorized Use:

Situations when the deployment of less-lethal impact or munitions are authorized include, but are not limited to self-destructive, dangerous, and/or combative individuals.

4. Expected Lifespan:

- a. Remington 870, 12-gauge pump action shotgun: 10 years.
- b. 2581-12-gauge super sock bean bag: 5 years.
- c. 2600-12-gauge launching cartridges: 5 years.
- d. LC5-Launching cup: 5 years.

5. Fiscal Impact:

Annual maintenance for the Remington 870, 12-gauge pump action shotgun is approximately \$50 each.

6. Training:

Prior to deploying the less lethal shotgun, members must complete a POST certified course in the operation of less lethal shotguns. Additionally, all members that operate any less lethal devices are required to pass a qualification course of instruction according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize less lethal devices in accordance with State laws, Federal laws and Department policy.

40MM Launchers and Munitions: 40MM Launchers are utilized by Department personnel as a less lethal tool to deploy less lethal impact munitions.

1. Description, capabilities, quantity and cost:

- a. PENN ARMS SINGLE SHOT LAUNCHER, #L140: The 40MM single-shot, break-open frame, launcher with a rifled barrel, fixed stock and combo rail. Features include: Double- action trigger, trigger lock push button and hammer lock safeties. It will fire standard 40MM less lethal ammunition, up to 6 inches in cartridge length. It will launch a 40MM less lethal round up to 150 feet.

Cost: \$999.80, Quantity: 98 (1 to be acquired in fiscal year 2025-2026 pending approval by the Board of Supervisors.)

- b. PENN ARMS MULTI-SHOT LAUNCHER, #L540: The 40MM multi-shot spring-advance magazine drum launcher with a six-shot capacity, rifled barrel, 6-inch cylinder and break-action loading. Spring cylinder advance actuated by trigger pull. The safety is a push button, cross bolt trigger safety. It will fire standard 40MM less lethal ammunition, up to 6 inches in cartridge length. It will launch a 40MM less lethal round up to 150 feet.

Cost: \$2,782.07, Quantity: 11

- c. DEFENSE TECHNOLOGY 40MM LESS LETHAL LAUNCHER (LMT): 40MM single-shot break-open frame launcher with a rifled barrel, fixed stock and combo rail. Features include: Double-action trigger, trigger lock push button and hammer lock safeties.

Cost: \$1,131, Quantity: 154 (150 to be acquired in fiscal year 2025-2026 pending approval by the Board of Supervisors.)

- d. COMBINED TACTICAL SYSTEMS, 40MM EXACT IMPACT SPONGE ROUND, #4557: A less lethal 40MM sponge round that is smokeless, spin stabilized and 4 inches long. The 40MM sponge projectile is fired from a single or multi-round purpose-built 40MM Launcher. The 60-gram sponge baton is a spin-stabilized projectile delivering blunt trauma effect. The 40MM exact impact sponge round provides an accurate and effective performance when fired from the approved distance of no less than five (5) feet from the target. The optimal Range for the 40MM sponge round is 10 to 75 feet.

Cost: \$18.85, Quantity: 6,200

- e. **COMBINED TACTICAL SYSTEMS, 40MM .60 CAL. STING-BALLS, SMOKELESS, 4.8-INCH-LONG SKIP ROUND, #4558:** The 40MM crowd dispersal cartridge contains a payload of .60 caliber stinging pellets. The 40MM Skip projectile is fired from a single or multi-round purpose-built 40MM Launcher. The Skip firing, aiming the impact munitions toward the ground three (3) to ten (10) feet in front of the target. Skip firing attenuates some of the blunt trauma on the target and reduces the possibility of impacting the human target and reduces the possibility of impacting the human target above the belt line.
- Cost: \$20.63, Quantity: 2,280
- f. **COMBINED TACTICAL SYSTEMS, 40MM .30 CAL. STING-BALLS, SMOKELESS, 4.8-INCH-LONG SKIP ROUND, #4553:** The 40MM crowd dispersal cartridge contains a payload of .30 caliber stinging pellets. The 40MM Skip projectile is fired from a single or multi-round purpose-built 40MM Launcher. The Skip firing, aiming the impact munitions toward the ground three (3) to ten (10) feet in front of the target. Skip firing attenuates some of the blunt trauma on the target and reduces the possibility of impacting the human target and reduces the possibility of impacting the human target above the belt line.
- Cost: \$18.53, Quantity: 0
- g. **COMBINED TACTICAL SYSTEMS, 40MM CS LIQUID BARRICADE, SPIN STABILIZED, 4.1 INCH LONG, #4330:** The liquid CS projectile is fired from a single or multi-round purpose-built 40MM Launcher. The Liquid CS filled projectile penetrates intermediate barriers and delivers irritant agents into an adjacent room. When deploying CS liquid projectile, Members should be thirty (30) feet back from the target, aiming approximately thirty (30) degrees up in angle. Only trained members of the Department's SWAT Team are authorized to deploy the CS liquid projectile.
- Cost: \$23.50, Quantity: 82
- h. **COMBINED TACTICAL SYSTEMS, 40MM CS POWDER BARRICADE, SPIN STABILIZED, 4.1 INCH LONG, #4431:** The powder CS filled projectile is fired from a single or multi-round purpose-built 40MM Launcher. The Powder CS filled projectile penetrates intermediate barriers and delivers irritant agents into an adjacent room. When deploying CS powder projectile, Members should be thirty (30) feet back from the target, aiming approximately thirty (30) degrees up in angle. Only trained members of the Department's SWAT Team are authorized to deploy the CS powder projectile.
- Cost: \$23.50, Quantity: 6
- i. **COMBINED TACTICAL SYSTEMS, 40MM AERIAL FLASH-BANG, 100 METER WARNING SIGNAL, 4.1 INCH, #4090-1:** The 40MM Aerial Flash-Bang 100 Meter Warning Signal is fired from a single or multi-round purpose-built 40MM Launcher. The 100-meter 40MM aerial flash-bang produces an intense bright light and sound. It is used to determine intent or used to hail or warn approaching individuals, vehicles, or marine vessels. The light output is between 6 million and 8 million candela. The sound output is between 165- 175 dB. The effective range is 100 Meters.
- Cost: \$39, Quantity: 16
- j. **COMBINED TACTICAL SYSTEMS, 40MM AERIAL FLASH-BANG, 200 METER WARNING SIGNAL, 4.1 INCH, #4090-2:** The 40MM Aerial Flash-Bang 200 Meter Warning Signal is fired from a single or multi-round purpose-built 40MM Launcher. The 200-meter 40MM aerial flash-bang produces an intense bright light and sound. It is used to determine intent or used to hail or warn approaching individuals, vehicles, or marine vessels. The light output is between 6 million and 8 million candela. The sound output is between 165- 175 dB. The effective range is 200 Meters.
- Cost: \$39, Quantity: 8

- k. **COMBINED TACTICAL SYSTEMS, 40MM AERIAL FLASH-BANG, 300 METER WARNING SIGNAL, 4.1 INCH, #4090-3:** The 40MM Aerial Flash-Bang 300 Meter Warning Signal is fired from a single or multi-round purpose-built 40MM Launcher. The 300-meter 40MM aerial flash-bang produces an intense bright light and sound. It is used to determine intent or used to hail or warn approaching individuals, vehicles, or marine vessels. The light output is between 6 million and 8 million candela. The sound output is between 165-175 dB. The effective range is 300 Meters.

Cost: \$39, Quantity: 23

- l. **COMBINED TACTICAL SYSTEMS, 40MM SUPER-SOCK #4581:** The Model 4581 Super-Sock® is in its deployed state immediately upon exiting the barrel. It does not require a minimum range to "unfold" or "stabilize." The Super-Sock® is an aerodynamic projectile. However, accuracy is relative to the launcher, barrel length, environmental conditions, and the operator. The Super-Sock® is very effective. However, effectiveness depends on many variables, such as distance, clothing, stature, and the point where the projectile impacts.

Cost: \$19.49 Quantity: 92

2. 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.

3. Authorized Use:

Situations where the deployment of less lethal impact or chemical munitions are authorized include but are not limited to:

- a. Self-destructive, dangerous, and/or combative individuals
- b. Circumstances where a tactical advantage can be obtained
- c. Tactical situations involving the deployment of the Department's SWAT Team.

4. Expected Lifespan:

- a. Penn Arms Single/Multi Shot Launcher: 15 Years.
- b. Defense Technology – 40MM Less Lethal Launcher (LMT): 10 years
- c. All munitions listed above: 5 years.

5. Fiscal Impact:

Annual maintenance for the single/multi shot launchers is approximately \$50 each.

6. Training:

Prior to deploying 40MM Launchers and Munitions, members must complete a POST certified course in the operation of 40MM Launchers and Munitions. Additionally, all members that operate any Less Lethal Devices are required to pass a qualification course of instruction according to Department policy.

7. Legal and Procedural Rules:

The Department will only utilize less lethal devices in accordance with State laws, Federal laws and Department policy.

**EXHIBIT B TO UNCODIFIED ORDINANCE
(DISTRICT ATTORNEY'S MILITARY
EQUIPMENT POLICY 704 AND EQUIPMENT
INVENTORY)**

Military Equipment

704.1 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).

704.1.1 DEFINITIONS

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

Governing body – The elected or appointed body that oversees the Bureau. In the case of a law enforcement agency of a county, including a district attorney's office, governing body means the board of supervisors of the county.

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

- Unmanned, remotely piloted, powered aerial or ground vehicles.
- Mine-resistant ambush-protected (MRAP) vehicles or armored personnel carriers.
- High mobility multipurpose wheeled vehicles (HMMWV), two-and-one-half-ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached.
- Tracked armored vehicles that provide ballistic protection to their occupants.
- Command and control vehicles that are either built or modified to facilitate the operational control and direction of public safety units.
- Weaponized aircraft, vessels, or vehicles of any kind.
- Battering rams, slugs, and breaching apparatuses that are explosive in nature. This does not include a handheld, one-person ram.
- Firearms and ammunition of .50 caliber or greater, excluding standard-issue shotguns and standard-issue shotgun ammunition.
- Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in Penal Code § 30510 and Penal Code § 30515, with the exception of standard-issue service weapons and ammunition of less than .50 caliber.
- Any firearm or firearm accessory that is designed to launch explosive projectiles.
- "Flashbang" grenades and explosive breaching tools.
- Munitions containing tear gas or OC, excluding standard, service-issued handheld pepper spray.
- Area denial electroshock devices, microwave weapons, water cannons, long-range acoustic devices (LRADs), acoustic hailing devices, and sound cannons.
- 40mm projective launchers, "bean bag", rubber bullet and specialty impact munition (SIM) weapons.

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- Any other equipment as determined by a governing body or a state agency to require additional oversight.

704.2 POLICY

It is the policy of the Orange County District Attorney that members of its Bureau of Investigations comply with the provisions of Government Code § 7071 with respect to military equipment.

704.3 MILITARY EQUIPMENT COORDINATOR

The Bureau Chief should designate a member of the Bureau 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 Bureau equipment that qualifies as military equipment in the current possession of the Bureau, or the equipment the Bureau intends to acquire that requires approval by the governing body.
- (c) Conducting an inventory of all military equipment at least annually.
- (d) Collaborating with any allied agency that may use military equipment within the jurisdiction of Orange County District Attorney (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 Bureau's funding, acquisition, and use of equipment.
- (f) Preparing the annual military equipment report for submission to the Bureau Chief and ensuring that the report is made available on the OCDA website (Government Code § 7072).

704.4 MILITARY EQUIPMENT CONSIDERATIONS

- (a) The military equipment acquired and authorized by the Bureau is:
 1. Necessary because there is no reasonable alternative that can achieve the same objective of officer and civilian safety.
 2. Reasonably cost-effective compared to available alternatives that can achieve the same objective of officer and civilian safety.
- (b) Military equipment shall be used by a Bureau member only after applicable training, including the completion of any course required by the Commission on Peace Officer Standards and Training, unless exigent circumstances arise.

704.5 MILITARY EQUIPMENT INVENTORY

The following, more fully described and incorporated into this policy in Attachments constitutes a list of qualifying equipment for the Bureau:

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- Unmanned, remotely piloted, powered aerial or ground vehicles
- Assault weapons defined under Penal Code § 30510 and Penal Code § 30515
- 40 mm Launchers
- Pepperball Launchers

704.6 APPROVAL

The Bureau Chief or the authorized designee shall obtain approval from the governing body by way of an ordinance adopting the military equipment policy. As part of the approval process, the Bureau Chief or the authorized designee shall ensure the proposed military equipment policy is submitted to the governing body and is available on the bureau website at least 30 days prior to any public hearing concerning the military equipment at issue (Government Code § 7071). The military equipment policy must be approved by the governing body prior to engaging in any of the following (Government Code § 7071):

- (a) Requesting military equipment made available pursuant to 10 USC § 2576a.
- (b) Seeking funds for military equipment, including but not limited to applying for a grant, soliciting or accepting private, local, state, or federal funds, in-kind donations, or other donations or transfers.
- (c) Acquiring military equipment either permanently or temporarily, including by borrowing or leasing.
- (d) Collaborating with another law enforcement agency in the deployment or other use of military equipment within the jurisdiction of this Bureau.
- (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.

704.7 COORDINATION WITH OTHER JURISDICTIONS

Military equipment used by any member of this Bureau shall be approved for use and in accordance with Bureau policy. Military equipment used by other jurisdictions that are providing mutual aid to the Bureau shall comply with their respective military equipment use policies in rendering mutual aid.

704.8 ANNUAL REPORT

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

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The Professional Standards Commander shall also make each annual military equipment report publicly available on the bureau website for as long as the military equipment is available for use. The report shall include all of the following information for the preceding calendar year.

- (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 the military equipment.
- (c) The results of any internal audits, any information about violations of the military equipment 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.

704.9 COMMUNITY ENGAGEMENT

Within 30 days of submitting and publicly releasing the annual report, the Bureau 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 report and the Bureau's funding, acquisition, or use of military equipment.

704.10 COMMUNITY CONCERNS

The public may submit questions or concerns to the Orange County District Attorney's Office, Bureau of Investigation regarding the Bureau's use of each type of military equipment by email to ProfessionalStandardsDivision@ocdapa.org or mail to Professional Standards Division, 300 N. Flower St., Santa Ana, CA 92703. The Bureau's Professional Standards Division will ensure the Bureau responds in a timely manner to any submitted questions or concerns.

UNMANNED, REMOTELY PILOTED POWERED AERIAL VEHICLES

All Bureau of Investigation-owned small, unmanned aircraft systems (sUAS) are maintained by the sUAS supervising investigator. The supervisor is responsible for maintaining the equipment including batteries, parts, software updates, etc. as well as conducting and overseeing training and operations. The following sUAS's are part of the Bureau of Investigation's inventory:

DJI MATRICE 210 V2 sUAS: The DJI Matrice 210 V2 features dual high-capacity batteries for extended flight time, advanced obstacle avoidance sensors, and compatibility with multiple payloads, such as cameras and sensors.

Item:	DJI Matrice V2 sUAS
Description:	Versatile drone designed for a variety of professional applications
Quantity:	Zero (0)
Initial Cost:	\$9,600.00
Ongoing Cost:	No cost due to the fact we no longer possess this item.

DJI MAVIC 2 PRO: The DJI Mavic 2 Pro is a high-performance drone designed for aerial photography and videography. It is equipped with a Hasselblad L1D-20c fixed focal length camera, capable of capturing 4K video and high-resolution images. With a flight time of approximately 30 minutes and top speed of approximately 44 miles per hour, it offers excellent endurance and agility. It is also equipped with omnidirectional obstacle sensing for enhanced safety and accident avoidance.

Item:	DJI Mavic 2 Pro
Description:	Compact, foldable drone designed for high-quality aerial photography and videography
Quantity:	One (1)
Initial Cost:	\$2,448.00
Ongoing Cost:	Varies and is dependent upon type of repairs and/or software upgrades or registration renewals. For FY 24-25, \$117.00 was spent.
Capabilities:	The DJI Mavic Pro can document crime scenes and take photos anywhere from 9,842 feet to 19,000 feet above ground.
Expected Lifespan:	2-5 years or until updates are no longer available for the sUAS

SKYDIO X10: The Skydio X10 is designed for advanced applications like intelligence, surveillance, and reconnaissance. It is equipped with high-resolution cameras, thermal imaging, and telephoto lenses, enabling detailed inspections and mapping. The drone has a flight time of approximately 40 minutes and a top speed of about 45 miles per hour.

Item:	Skydio X10
Description:	Equipped with advanced AI, modular sensors, and 360-degree obstacle avoidance, designed for intelligence, surveillance, and reconnaissance.
Quantity:	One (1)
Initial Cost:	\$29,475.00
Ongoing Cost:	Varies and is dependent upon type of repair and/or software updates or registration renewals.
Capabilities:	It can fly a maximum of 45 mph, has a 40-minute maximum flight time, can be deployed in less than 40 seconds and is IP55 certified against dust and water.
Expected Lifespan:	2-5 years or until updates are no longer available to provide support

FUTURE REQUESTS FOR 2025

The following drones are requested for purchase in 2025.

Item:	DJI Avata 2
Description:	Equipped with a camera, Wi-Fi, Bluetooth, batteries, chargers, remote, etc.
Quantity:	One (1)
Initial Cost:	\$2,500.00
Ongoing Cost:	Varies and is dependent upon type of repairs and/or software upgrades or registration renewals.
Capabilities:	DJI Avata 2 is an advanced first-person drone designed for immersive flying experience and high-quality content creation. It captures 4K footage, has an integrated propeller guard, and enhanced stability.
Expected Lifespan:	2-5 years or until updates are no longer available to provide support

Item:	DJI Mini 4 Pro
Description:	Equipped with a camera, batteries, and chargers
Quantity:	Two (2)
Initial Cost:	\$4,500.00
Ongoing Cost:	Varies and is dependent upon type of repairs and/or software upgrades or registration renewals.

Capabilities: The DJI Mini 4 Pro is lightweight, has omnidirectional obstacle sensing, 4K HDR video, ActiveTrack 360-degree intelligent tracking, and can fly for up to 34 minutes.

Expected Lifespan: 2-5 years or until updates are no longer available to provide support

PURPOSE AND AUTHORIZED USE

Our drones are authorized and used for aerial photography and video for static crime scenes or traffic collision investigations for evidence identification, location and/or collection purposes. They are also utilized for target locations of a search/arrest warrant for information gathering that enhances the safety of officers, suspects, victims and the community at large. In addition to investigative purposes, the drones are authorized for social media, marketing materials and publications for public relations, natural disaster evaluation and response, searching for missing people, suspects or articles (such as a weapon) within established police perimeters, and security operations at large public gatherings where images are not recorded except for criminal behavior.

FISCAL IMPACT

Annual maintenance and replacement costs vary based on usage and availability of software upgrades to support the sUAS.

LEGAL AND PROCEDURAL RULES

Operators are required to obtain a Part 107 operators license with the FAA and are to remain current with their license on a biennial basis. The sUAS requires an operator and observer for each deployment.

TRAINING

Operators are required to obtain a Part 107 operators license with the FAA and are to remain current with the license on a biennial basis.

COMPLIANCE

The sUAS cannot be deployed unless authorized by a supervisor and the reasons for deployment must align with the sUAS policy (policy 415). If a violation of policy occurs, the Disciplinary Policy (policy 325) would apply.

Orange County District Attorney's Office – Bureau of Investigation
Military Equipment Inventory

SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER PER PENAL CODE 30510 & 30515

All specialized firearms and ammunition of less than .50 caliber are maintained, managed and tracked by the Bureau of Investigation Rangemaster and Bureau of Investigation certified armorers. The following items are part of the Bureau of Investigation's inventory:

ASSAULT RIFLES: Assault rifles, or AR-15's, provide increased accuracy and precision at long range distances. These weapons are semi-automatic. The Bureau of Investigation currently has two types of AR-15's, Colt and Bushmaster.

Item:	Semi-automatic assault rifle
Description:	Colt semi-automatic AR-15 rifle
Quantity:	Seventeen (17)
Initial Cost:	\$30,000.00
Ongoing Cost:	\$0
Capabilities:	Rifles have increased accuracy and precision at long-range distances.
Expected Lifespan:	Lifespan is dependent upon the number of rounds fired. Based on our current training levels, the estimated lifespan is 15-20 years.

Item:	Semi-automatic assault rifle
Description:	Bushmaster semi-automatic AR-15 rifle
Quantity:	One (1)
Initial Cost:	\$1,800.00
Ongoing Cost:	\$0
Capabilities:	Rifles have increased accuracy and precision at long-range distances.
Expected Lifespan:	Lifespan is dependent upon the number of rounds fired. Based on our current training levels, the estimated lifespan is 15-20 years.

FUTURE PURCHASE IN 2025

ASSAULT RIFLES

The following are requested for purchase in 2025.

Item:	Colt semi-automatic AR-15 rifle
Description:	Magazine-fed, gas-operated firearm designed for precision and reliability. They are known for their versatility with adjustable stocks and customizable rails for attachments.

Quantity: Five (5)
Cost: \$9,250.00
Ongoing Cost: \$0
Capabilities: Rifles have increased accuracy and precision at long-range distances.
Expected Lifespan: Lifespan is dependent upon the number of rounds fired. Based on our current training levels, the estimated lifespan is 15-20 years.

AMMUNITION: All ammunition is ordered, maintained, and tracked by the Bureau of Investigation Rangemaster. We utilize various types of ammunition tailored to the specific weapon and its intended purpose, whether for training or operational use. The following ammunition is part of the Bureau of Investigation's inventory:

Item: Winchester .223 pointed soft point AR-15 rounds – On-duty use
Description: Rimless, bottlenecked, centerfire intermediate cartridge and are known for their low recoil, high accuracy, and versatility.
Quantity: 1,920 (ammunition inadvertently omitted from 2024 inventory)
Initial Cost: \$1,300.00
Ongoing Cost: \$1,950.00 annually to replenish when needed

Item: Winchester .223 frangible AR-15 rounds – Training use only.
Description: Rimless, bottlenecked, centerfire intermediate cartridge and are known for their low recoil, high accuracy, and versatility.
Quantity: 5,500 (ammunition inadvertently omitted from 2024 inventory)
Initial Cost: \$4,854.00
Ongoing Cost: \$7,281.00 annually to replenish

Item: Winchester .223 full metal jacket AR-15 rounds – Training use only.
Description: Rimless, bottlenecked, centerfire intermediate cartridge and are known for their low recoil, high accuracy, and versatility.
Quantity: 4,000 (ammunition inadvertently omitted from 2024 inventory)
Initial Cost: \$1,792.00
Ongoing Cost: \$0 – We will not replenish due to lead level restrictions. Will use frangible rounds only.

FUTURE PURCHASE IN 2025**AMMUNITION**

The following are requested for purchase in 2025.

Item: Winchester .223 pointed soft point AR-15 rounds – On-duty use only
Description: Rimless, bottlenecked, centerfire intermediate cartridge and are known for their low recoil, high accuracy, and versatility.
Quantity: 3,000
Cost: \$1,950.00

Item: Winchester .223 frangible AR-15 rounds. For training use only.
Description: Rimless, bottlenecked, centerfire intermediate cartridge and are known for their low recoil, high accuracy, and versatility.
Quantity: 9,000
Cost: \$7,281.00

PURPOSE AND AUTHORIZED USE

Semi-automatic rifles provide increased accuracy and precision at long range distances and are currently used by most law enforcement agencies across the nation. Rifles may be utilized when an investigator reasonably anticipates an armed encounter, are in a situation that may require delivery at a long-range distance, expects the need to meet or exceed the suspect(s) firepower, during a suspect or hostage situation or if the investigator believes the suspect may be wearing body armor.

FISCAL IMPACT

All maintenance and inspections are conducted in-house by certified armorers. Parts and repairs average about \$100 - \$500 per year if necessary. Ammunition cost varies based on training but, is approximately \$5,000 to \$10,000 per year.

LEGAL AND PROCEDURAL RULES

Those deploying a rifle may not do so unless they have received Bureau-approved training and remain in compliance with all Bureau, local, state and federal guidelines.

TRAINING

Each investigator utilizing an AR-15 rifle shall complete Bureau-approved training every year.

Orange County District Attorney's Office – Bureau of Investigation
Military Equipment Inventory

COMPLIANCE

The Bureau Rangemaster oversees the rifle programs training and qualification requirements. A supervising investigator ensures all investigators are in compliance with policy and training. Should a policy violation occur, the Disciplinary Policy (policy 325) would apply.

LESS LETHAL WEAPONS / MUNITIONS

All Bureau owned less lethal weapons and munitions are maintained, managed and tracked by the Bureau of Investigation Rangemaster. All maintenance occurs in-house by our rangemaster. The following items are part of the Bureau of Investigation's inventory:

Pepperball VKS Launchers: These less lethal weapons can quickly switch between Hopper mode and Magazine mode for optimum versatility. These weapons mirror the AR-15 platform which makes it easy to adopt and integrate into our resources.

Item: Pepper VKS Pro Plus Launcher
Description: Multi-payload, long-range, semi-automatic launcher with adjustable kinetics and fires .68 caliber less lethal ammunition.
Quantity: One (1)
Initial Cost: \$940.00
Ongoing Cost: \$0
Capabilities: The VKS Pro Plus Launcher has the ability to quickly switch between Hopper mode and Magazine mode for optimum versatility.
Expected Lifespan: 7-10 years

Item: Pepperball TAC-SA Pro Plus Launcher
Description: Semi-automatic launcher with a tank that holds projectiles.
Quantity: Two (2)
Initial Cost: \$6,172.00
Ongoing Cost: \$0
Capabilities: The TAC-SA Pro Plus Launcher is semi-automatic and can launch 10-12 rounds per second, enabling law enforcement officers to rapidly react and effectively manage dynamic situations.
Expected Lifespan: 7-10 years

Orange County District Attorney's Office – Bureau of Investigation
Military Equipment Inventory

Deftech 40 MM Single Launcher: This less lethal weapon is a tactical single shot launcher that allows the ability to add a light.

Item: Deftech 40 MM Single Launcher
Description: Single launcher, expandable stock that has an adjustable front grip with a light rail and fires a standard 40mm less lethal ammunition.
Quantity: Three (3)
Initial Cost: \$3,000.00
Ongoing Cost: \$0
Capabilities: The Deftech 40 MM Single Launcher is a tactical single shot launcher that allows the ability to add a light.
Expected Lifespan: 7-10 years

MUNITIONS: Rounds designed to incapacitate or deter without causing fatal injuries.

Item: eXact Impact 40mm sponge rounds
Description: Less-lethal munitions that consist of a lightweight plastic body with a foam or sponge nose.
Quantity: 34 (munitions inadvertently omitted from 2024 inventory)
Cost: \$2,240.00

Item: Pepperball Inert rounds for training use only
Description: Non-irritant projectile designed for training and practice. These rounds contain a harmless, scented powder and is used to simulate real-world scenarios without deploying chemical irritants.
Quantity: 750 (munitions inadvertently omitted from 2024 inventory)
Cost: Included in the initial purchase of the Pepperball TAC-SA Pro Plus Launcher (bundle pack)

Item: Pepperball Inert Live X rounds for duty use only
Description: Specialized projectiles containing a potent concentration of 5% PAVA powder, designed for direct impact and area saturation. These are a non-lethal option for managing situations.
Quantity: 750 (munitions inadvertently omitted from 2024 inventory)

Cost: Included in the initial purchase of the Pepperball TAC-SA Pro Plus Launcher (bundle pack)

FUTURE PURCHASE REQUESTS FOR 2025

MUNITIONS

The following are requested for purchase in 2025.

Item: eXact Impact 40 MM sponge rounds
Description: Less-lethal munitions that consist of a lightweight plastic body with a foam or sponge nose.
Quantity: 100
Initial Cost: \$2240.00

Item: Pepperball Inert rounds for training use
Description: Non-irritant projectile designed for training and practice. These rounds contain a harmless, scented powder and is used to simulate real-world scenarios without deploying chemical irritants.
Quantity: 1,500
Initial Cost: \$1295.00

PURPOSE AND AUTHORIZED USE

These devices, widely employed by law enforcement agencies across the nation, are used to mitigate serious injuries to officers, subjects, and others by limiting conflict escalation where lethal force is undesirable or prohibited. They may be deployed to control violent or actively resisting individuals, or those demonstrating an intent to harm others or themselves through actions or words. Additionally, these tools are effective in disarming suspects reasonably believed to be armed, stopping fleeing individuals wanted for serious crimes (but not for mere flight alone), and gaining compliance during tactical situations like riots or civil unrest.

FISCAL IMPACT

All maintenance and inspections are conducted in-house by certified armorers. Parts and repairs average about \$100 - \$500 per year if necessary.

Orange County District Attorney's Office – Bureau of Investigation
Military Equipment Inventory

LEGAL AND PROCEDURAL RULES

Those deploying a launcher or 40 MM may not do so unless they have received Bureau-approved training and remain in compliance with all Bureau, local, state and federal guidelines.

TRAINING

Each investigator utilizing a launcher or 40 MM shall complete Bureau-approved training every year.

COMPLIANCE

The Bureau rangemaster will oversee the launchers and 40 MM training and qualification requirements. A supervising investigator ensures all investigators are in compliance with policy and training. Should a policy violation occur, the Disciplinary policy (policy 325) would apply.

PUBLIC CONCERN

The public may submit questions or concerns to the Orange County District Attorney's Office, Bureau of Investigation regarding the Bureau's use of any type of military equipment by email to ProfessionalStandardsDivision@ocdapa.org or mail to Professional Standards Division, 300 N. Flower St., Santa Ana, CA, 92703. The Bureau's Professional Standards Division will ensure the Bureau responds in a timely manner to any submitted questions or concerns.

This ordinance shall take effect and be in full force thirty days from and after its passage. This ordinance shall be published once in an adjudicated newspaper in the County of Orange within fifteen days of its passage.

THE FOREGOING was **PASSED** and **ADOPTED** by the following vote of the Orange County Board of Supervisors on June 24, 2025, to wit:

AYES: Supervisors: KATRINA FOLEY, DONALD P. WAGNER, JANET NGUYEN
DOUG CHAFFEE

NOES:

EXCUSED: VICENTE SARMIENTO

ABSTAINED:

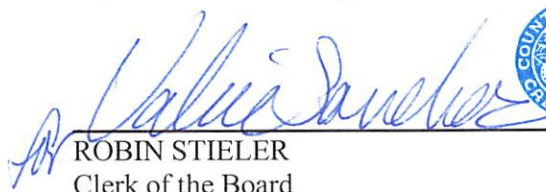


CHAIR

STATE OF CALIFORNIA)
) ss:
COUNTY OF ORANGE)

I, ROBIN STIELER, Clerk of the Board of Orange County, California, hereby certify that a copy of this document has been delivered to the Chairman of the Board and that the above and foregoing Ordinance was duly and regularly adopted by the Orange County Board of Supervisors.

IN WITNESS WHEREOF, I have hereto set my hand and seal.



ROBIN STIELER
Clerk of the Board
County of Orange, State of California



Ordinance No.: 25-013
Agenda Date: 06/24/2025
Item No.: 83



I certify that the foregoing is a true and correct copy of the Ordinance adopted by the Board of Supervisors, Orange County, State of California

Robin Stieler, Clerk of the Board of Supervisors.

By: _____
Deputy