



ACSO

MILITARY EQUIPMENT INVENTORY

POSSESSION AND USE OF MILITARY EQUIPMENT

**ASSEMBLY BILL 481 (2021)
GOV. CODE SECTIONS 7070-7075
A.C.S.O. GENERAL ORDER 2.21.02**



June 22, 2023: The ACSO presented multiple requests to the Public Protection Committee. Considering input from Supervisor Márquez and the community, the ACSO has modified their requests and researched specific information requested by Supervisor Márquez.



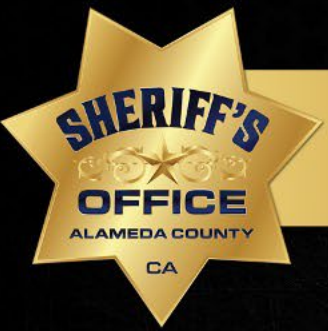
LESS-LETHAL INCIDENTS

**MULTI-PROJECTILE MUNITIONS USED
LAST TWO YEARS (4 INCIDENTS)**



SUMMARY

- ★ There have only been four incidents in which ACSO used multiple projectile munitions; only one of which was fired from a 40MM launcher.
- ★ All the incidents occurred inside Santa Rita Jail, during Resistive Inmate Movement (RIM) team events, and only after multiple de-escalation attempts by multiple ACSO/AFBH staff had failed.
- ★ In each incident, the incarcerated person was given at least one hour to comply, and in one incident they were given six hours.
- ★ None of the events exposed other incarcerated persons to the multiple projectile munitions.
- ★ No substantial injuries occurred as a result of any of the events.
- ★ All the events resulted in quickly securing the incarcerated person after the deployment of the multiple projectile munition, with no injuries to ACSO staff.



ALTERNATIVE OPTIONS

- ★ Police presence
- ★ Negotiation
- ★ De-escalation tactics
 - Initial ACSO staff
 - Supervisor(s)
 - AFBH (SRJ)
 - Community Assessment Transport Team (CATT)
 - Behavioral Response Team (BRT)
 - Crisis Intervention Unit (CIU) - Patrol
 - Crisis Intervention Team (CIT) - SRJ
- ★ Multiple warnings
- ★ Final Dispersal order/Admonishment
- ★ Diversionary/distraction devices
- ★ Exclusionary options
- ★ Leaving the scene



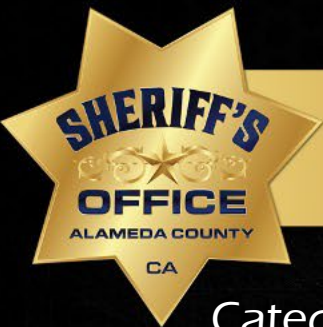
DE-ESCALATION TRAINING

- ★ Strategic Communications at CPT (2 hours)
- ★ Use of Force lecture and scenarios at CPT (4 hours)
- ★ Defensive Tactics (De-Tac)/De-Escalation at department range (4 hours)
- ★ Taser de-escalation, non-deployment (4 hours)
- ★ Taser certification for new staff (8 hours)
- ★ De-Tac and de-escalation during initial Jail Operations class/STC
- ★ Crowd Management Team (CMT)/Special Response Unit (SRU) training (2x a month)
- ★ CIU Negotiation Team (1x a month)
- ★ Debrief/critiques after incidents
- ★ Muster trainings
- ★ Agency Training Bulletins
- ★ Santa Rita Jail (SRJ) Use of Force Review Committee
- ★ Field Training Officer (FTO) Orientation de-escalation training
- ★ SRJ Crisis Intervention Team (CIT) and jail negotiators
- ★ PC 832(c) training at the departmental range
- ★ Reality Based Training scenarios
 - Scenarios include de-escalation and no force as successful outcomes



ACSO REQUESTS

NO CHANGES FROM JUNE 22, 2023, REQUEST



REQUESTS FROM 06.22.23 (NO CHANGE)

Category 1 – UAVs

Add:

- DJI Mavic 3 Enterprise (12)

Remove:

- DJI Inspire 1 (3)
- DJI Phantom 3 (1)
- DJI Phantom 4 (3)

Category 10 – Rifle Ammunition

Add:

- .308 Ruag Swiss P AP, 196 Grain (Long Rifle)

Remove:

- .308 Ruag Swiss P Match Target. 168 Grain (Long Rifle)

Category 12 – Light-Sound Diversionary Devices (LSDD)

Increase Quantity:

- CTS #7290M, Mini-Bang Steel Body – Increase quantity from 100 to 150



ACSO REQUEST UPDATES

CHANGES FROM JUNE 22, 2023, REQUEST



Category 1

“Unmanned, remotely piloted, powered aerial or ground vehicles”



CATEGORY 1 – UPDATED REQUEST

DJI MATRICE 30T



Already approved to possess 4
Requesting increase to possess 6



Category 8

“Firearms of .50 caliber or greater. However, standard issue shotguns are specifically excluded from this subdivision”



.50 CALIBER BROWNING MACHINEGUN

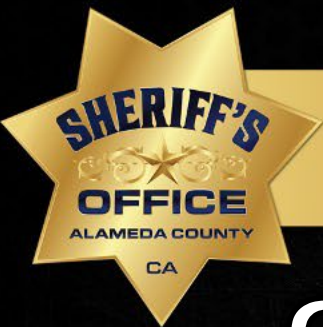


THE TWO .50 CALIBER BROWNING MACHINEGUNS THE ACSO PREVIOUSLY POSSESSED WERE DESTROYED ON 07.20.23. THIS ITEM WILL BE COMPLETELY REMOVED FROM THE A.C.S.O. MILITARY EQUIPMENT INVENTORY



Category 12

“Flashbang’ grenades and explosive breaching tool, ‘tear gas,’ and ‘pepper balls,’ excluding standard, service-issued handheld pepper spray”



CATEGORY 12 – UPDATED REQUESTS

CHEMICAL AGENTS AND SMOKE CANISTERS

06/22/23 Request

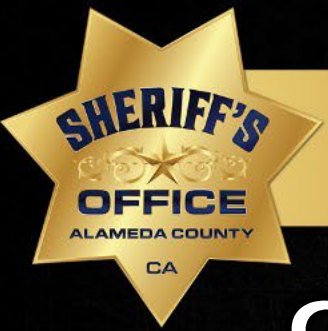
1. DefTec #1032, Flameless Tri-Chamber CS Canister (50)
 - Increase quantity by an additional 26
2. DefTec #1056, OC Vapor Aerosol Canister (90)
 - Increase quantity by an additional 74
3. DefTec #1087, Stinger 60-Caliber Rubber Ball Canister (740)
 - Increase quantity by an additional 537
4. DefTec #1092, Han-Ball Canister, CS (440)
 - Increase quantity by an additional 40

*Total increase of 677

Updated Request

1. DefTec #1032, Flameless Tri-Chamber CS Canister
 - Previously approved for 24
 - Requesting 50
2. DefTec #1056, OC Vapor Aerosol Canister
 - Previously approved for 16
 - Requesting 90

*Total increase of 100



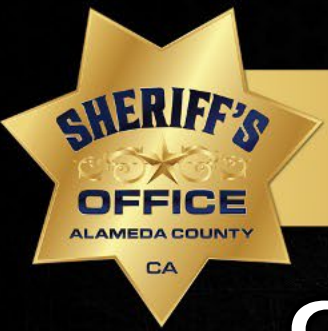
CATEGORY 12 – UPDATED REQUESTS

CHEMICAL AGENTS AND SMOKE CANISTERS

Remove:

1. Combined Tactical Systems (CTS) #9210, Outdoor 92 Series Jet-Lite Rubber Ball Canister (White Smoke) - 20
2. CTS #9230, CS Jet-Lite Rubber Ball Canister, Pyro (White Smoke & CS) - 68
3. Defense Technology (DefTec) #1088, Stinger CS Rubber Ball Canister - 189
4. DefTec #1095, Rubber Ball Canister, OC – 249

*Decrease of 526



CATEGORY 12 – UPDATED REQUESTS

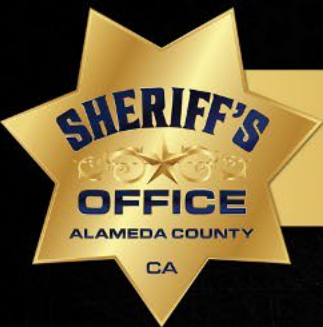
CHEMICAL AGENTS AND SMOKE CANISTERS

Compared to our current approved Military Equipment Inventory List, the approval of these requests will DECREASE our quantity of Chemical Agents and Smoke Canisters by 426.



Category 14

“The following projectile launch platforms and their associated munitions: 40mm projectile launchers, ‘bean bag,’ rubber bullet, and specialty impact munition (SIM) weapons”



CATEGORY 14 – UPDATED REQUESTS

40MM LESS-LETHAL MUNITIONS

06/22/23 Request

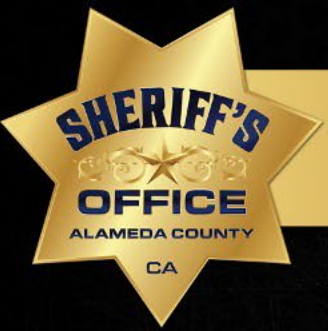
1. CTS #4330, 40MM CS Liquid Barricade, Spin Stabilized, 4.1" Long (100)
 - Increase quantity by 50
2. CST #4431, 40MM CS Powder Barricade, Spin Stabilized, 4.1" Long (100)
 - Increase quantity by 50
3. DefTec #2262, 40MM Ferret Liquid Barricade Penetrator Round, CS (100)
 - Increase quantity by 38
4. DefTec #2292, 40MM Ferret Powder Barricade Round, CS (100)
 - Increase quantity by 41
5. DefTec #6097, 40MM Stinger .60 Caliber Rubber Balls Round (300)
 - Increase quantity by 151
6. DefTec #6325, 40MM Exact Impact Standard Range Sponge Round (1,000)
 - Increase quantity by 443

*Increase of 773

Updated Request

1. CTS #4330, 40MM CS Liquid Barricade, Spin Stabilized, 4.1" Long (100)
 - Previously approved for 50
2. CST #4431, 40MM CS Powder Barricade, Spin Stabilized, 4.1" Long (100)
 - Previously approved for 50
3. DefTec #2262, 40MM Ferret Liquid Barricade Penetrator Round, CS (100)
 - Previously approved for 62
4. DefTec #2292, 40MM Ferret Powder Barricade Round, CS (100)
 - Previously approved for 59
5. DefTec #6325, 40MM Exact Impact Standard Range Sponge Round (1,000)
 - Previously approved for 557

*Increase of 622



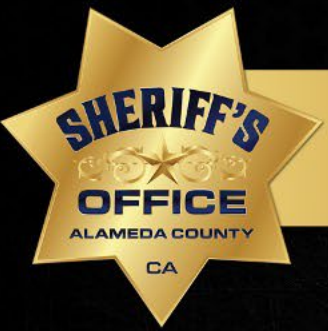
CATEGORY 14 – UPDATED REQUESTS

40MM LESS-LETHAL MUNITIONS

Remove:

1. DefTec #6025, 40MM Bean Bag Round – 13
2. DefTec #6097, 40MM Stinger .60 Caliber Rubber Balls Round - 300
3. DefTec #6320, 40MM Direct Impact OC Crushable Foam Round – 191
4. DefTec #6323, 40MM Inert Crushable Foam Round – 118
5. DefTec #6325LE, 40MM Exact Impact Extended Range Sponge Round – 64
6. DefTec #6326, 40MM Direct Impact Marking Crushable Foam Round – 55
7. CTS #4553, 40MM .30 Caliber Sting Balls, Smokeless, 4.8" Long – 60
8. CTS #4557, 40MM Sponge, Smokeless, Spin Stabilize, 4" Long – 118
9. CTS #4558, 40MM .60 Caliber Sting Balls, Smokeless, 4.8" Long – 60

* Decrease of 979



CATEGORY 14 – UPDATED REQUESTS

40MM LESS-LETHAL MUNITIONS

Compared to our current approved Military Equipment Inventory List, the approval of these requests will DECREASE our quantity of 40MM Less Lethal Munitions by 357.



Since the Public Protection Committee on June 22, 2023, the ACSO has taken into careful consideration the public's comments and concerns. As a result, several requests regarding multiple projectile munitions have been removed. In addition, the approval of the aforementioned requests will decrease the amount of less-lethal munitions possessed by the ACSO by 783 items.

Alameda County Sheriff's Office
Military Equipment Inventory (AB 481)
ACSO General Order 2.21.02
(DRAFT)
AUGUST 25, 2023

THIS DOCUMENT IS A PROPOSED UPDATE TO THE EXISTING INVENTORY LIST CURRENTLY ATTACHED TO G.O. 2.21.02 AND HAS NOT YET BEEN PRESENTED TO THE ALAMEDA COUNTY BOARD OF SUPERVISORS. THIS DRAFT HAS BEEN AMENDED FROM THE DRAFT PRESENTED AT THE PUBLIC PROTECTION COMMITTEE ON JUNE 22, 2023, TO TAKE INTO CONSIDERATION COMMENTS AND CONCERNS FROM THE PUBLIC. NO NEW ITEMS HAVE BEEN ADDED SINCE THE DRAFT WAS POSTED TO THE AGENCY WEBSITE ON FEBRUARY 23, 2023.

Items **highlighted in red** and struck-through are items no longer in use and are being removed from the current inventory list.

Items **highlighted in yellow** are new items being requested for use by the ACSO or updated quantities.

Other formatting changes have been made for clarity.

1. Small Unmanned Aircraft System (sUAS) – Category 1

Consists of the small, unmanned aircraft weighing under 55 pounds, the command system, a secure control link, and other related safety support equipment. All sUAS devices have video recording capabilities.

a. Description/Capabilities, Quantity, and Cost

- i. BRINC LEMUR S: Used for indoor flights with 31 minutes of flight time and a 10-hour perch time. Has the capability to break glass, including automotive glass, which is useful to ventilate buildings during a structure fire or make entry during an active shooter event. Can upright itself when upside down. Has a 1080p, 60fps wide-angle fixed zoom lens with a built-in night-vision system and IR illuminators. Equipped with a spotlight, speaker, onboard microphone for two-way communications and a live video feed to command stations.
Quantity: 6
Cost: \$12,000
- ii. DJI FPV COMBO: First-person view UAS with 4K camera, S Flight Mode, super-wide 150-degree field of view, HD low latency transmission and emergency brake. This UAS can record 4K/60FPS video at up to 120Mbps.
Quantity: 1
Cost: \$1,299
- ~~iii. **DJI INSPIRE 1:** UAS with a single color camera, weighs approximately 7.5-pounds and has 4K HD video recording capabilities, unobstructed 360-degree shooting, and an approximate flight time of 30 minutes.
Quantity: 3
Cost: \$1,200~~ **Discontinued/out of inventory**

- iii. DJI MATRICE 210 V2: Large UAS with dual cameras, including a professional-grade infrared camera and 30x optical zoom. This UAS has a reliable and stable flight view and supports automatic dual frequency band switching and extends the flight range to up to 8km. It also has AES-256 Encryption, keeping data transmission secure and safe.
Quantity: 1
Cost: \$16,000 (Discontinued)
- iv. DJI MATRICE 210 V2 RTK: Same description/capabilities as the DJI Matrice 210 V2 but with built-in high performance RTK modules and D-RTK 2 mobile station compatibility.
Quantity: 1
Cost: \$16,0000 (Discontinued)
- v. DJI MATRICE 300 RTK: Commercial UAS, offering up to 55 minutes of flight time, advanced AI capabilities, and 6 directional sensing and positioning. This UAS enables transmission up to 15km away and supports triple-channel 1080p video and offers real time auto-switching between 2.4Ghz and 5.8Ghz for a more reliable flight near high-interference environments. AES-256 encryption provides secure data transmission.
Quantity: 2
Cost: \$13,700
- vi. DJI MATRICE 30T: Commercial UAS, offering up to 55 minutes of flight time, advanced AI capabilities, and 6 directional sensing and positioning. This UAS enables transmission up to 15km away and supports triple-channel 1080p video and offers real time auto-switching between 2.4Ghz and 5.8Ghz for a more reliable flight near high-interference environments. AES-256 encryption provides secure data transmission. Dual zoom camera with thermal and color. IP 55 waterproof rating.
Quantity: 6 Previously approved for 4
Cost: \$15,000
- vii. DJI MAVIC 2 ENTERPRISE ADVANCED: Contains high-resolution thermal (640x512 thermal resolution and 16x zoom) and visual (48MP and 32x zoom) cameras and is capable of centimeter-level positioning accuracy with the RTK module. Dual-vision allows the operator to tap to switch between visual, thermal, or split-view feeds.
Quantity: 25
Cost: \$6,900
- viii. DJI MAVIC 2 ENTERPRISE DUAL: Contains a color and infrared camera, as well as an audible speaker and an M2E Spotlight. Weighs approximately 899 grams with a flight time of approximately 30 minutes.
Quantity: 13

Cost: \$5,500

- ix. DJI MAVIC 2 ENTERPRISE ZOOM: Up to 4x zoom and 2x optical zoom and a 48mm telephoto lens. 25-30 minutes of flight time.
Quantity: 17
Cost: \$3,500
- x. **DJI MAVIC 3 ENTERPRISE:** The updated version of the DJI Mavic 2 Enterprise Line.
This sUAS uses a 48MP camera, up to 4K/60fps videos and 4K/30fps HDR videos. It has a flight time of 45 minutes with an internally closed battery and forward/backward/downward tri-directional dual-vision obstacle sensing system. The Mavic 3 Enterprise has a 56x hybrid zoom, a 28x digital thermal zoom and a 4/3 CMOS sensor on the mapping version for high resolution photo mapping. The Advanced Pilot Assistance Systems detects objects in the aircraft's flight path in real-time.
Quantity: 12
Cost: \$7,500
- xi. DJI MAVIC MINI 1: Miniature UAS that weighs approximately 249 grams and is capable of audio/video recording with an approximate flight time of 30 minutes. This UAS supports 12MP aerial photos and 2.7K HD videos.
Quantity: 11
Cost: \$400
- xii. DJI MAVIC MINI 2: Miniature UAS that weighs approximately 249 grams and is capable of audio/video recording with an approximate flight time of 30 minutes. Uses a 12MP camera along with 4K video. This UAS can resist 29-38kph winds and take off at a max altitude of 4,000 meters.
Quantity: 30
Cost: \$449
- xiii. DJI MAVIC MINI 3 PRO (DJI RC): The updated version from the DJI Mavic Mini 2. This sUAS uses a 48MP camera, up to 4K/60fps videos and 4K/30fps HDR videos. It has a flight time of 34 minutes (47 minutes with the Intelligent Flight Battery Plus) and forward/backward/downward tri-directional dual-vision obstacle sensing system. The Advanced Pilot Assistance Systems detects objects in the aircraft's flight path in real-time. This allows the DJI Mini 3 Pro to avoid obstacles, even in complicated environments.
Quantity: 25
Cost: \$909
- xiv. DJI MAVIC PRO PLATINUM: 4K video and a 12MP camera. 30 minutes of flight time and a reduced noise level as compared to its predecessor (Mavic Pro). This UAS has a 4.3-mile range.
Quantity: 1
Cost: \$9,000

- xv. DJI PHANTOM 4 ADVANCED: 4K/60 fps video at a bit rate of 100 Mbps and still photos up to 20MP. 30-minute flight time with a flight speed up to 44mph and a 4.35-mile range.
Quantity: 10
Cost: \$2,700 (Discontinued)
- ~~xvi. DJI PHANTOM 3: 2.7K HD video at 30fps with Intelligent Flight Modes and a range of 3.1 miles.
Quantity: 1
Cost: \$799 (Discontinued)~~ **Out of inventory**
- xvi. DJI PHANTOM 4 PRO: 4K/60 fps video and a 20MP camera. The Flight Autonomy system adds dual rear-vision sensors plus infrared sensing for a total of five directions of obstacle sensing and four directions of obstacle avoidance. Up to 30 minutes of flight time.
Quantity: 3
Cost: \$3,699
- ~~xvii. DJI PHANTOM 4: 4k video and a 12 MP camera with forward and downward visioning systems, 28 minutes of flight time. Weighs 1380 grams.
Quantity: 3
Cost: \$6,600 (Discontinued)~~ **Out of inventory**
- xvii. DJI PHANTOM 4 PROV2: Same description/capabilities as the DJI Phantom 4 PRO but with an upgraded propulsion system with FOC sinusoidal driver ESCs and 9455S quick-release propellers that reduce noise, making it up to 60% quieter and more aerodynamic. It also has OcuSync radio/video transmission technology, which allows the UAS to connect to DJI Goggles wirelessly.
Quantity: 5
Cost: \$6,600
- xviii. DJI SPARK: A mini UAS weighing 300 grams and a flight time of 16 minutes. HD 1080p video and a 12 MP camera.
Quantity: 1
Cost: \$400

b. Purpose and Authorized Use

To be deployed when its view would assist Agency members with the following situations, including, but not limited to:

- i. Post-incident crime scene preservation and documentation
- ii. Explosive Ordnance Disposal (EOD) missions
- iii. Response to hazardous materials spills
- iv. Search and Rescue (SAR) missions as defined in California Government Code Section 26614.
- v. Public safety and life preservation missions to include barricaded suspects, hostage situations, active shooters, apprehension of armed and dangerous and/or violent fleeing suspects, and high-risk search warrants
- vi. 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
- vii. Training missions
- viii. In response to specific requests from local, state, or federal fire authorities for fire response and prevention
- ix. When there is probable cause to believe that (1) the sUAS will record images of a place, thing, condition, or event; and (2) that those images would be relevant in proving that a certain felony had occurred or is occurring, or that a particular person committed or is committing a certain felony and use of the sUAS does not infringe upon the reasonable expectation of privacy
- x. Pursuant to a search warrant
- xi. Any official law enforcement mission or event approved by the Sheriff, or the Sheriff's Designee

All flights are documented on a mission dispatch form designed for that purpose and all flight time shall be accounted for on the form. The reason for the flight and type of mission as specified above and name of the supervisor approving the operation will also be documented. Prior to each sUAS flight, a Notice to Airmen (NOTAM) will be filed with the FAA. sUAS Commanders, operators, and observers will consider the protection of individual civil rights and the reasonable expectation of privacy as a key component of any decision made to deploy the sUAS. An sUAS operation requires a Certificate of Authorization (COA) from the FAA.

c. Expected Life Span

All sUAS have an expected life span of 3-5 years

d. Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$400 per in-service sUAS.

e. Training

All Agency sUAS operators are certified in the operation of sUAS by successful completion of an approved training course. The pilot must meet standards required by the Federal Aviation Administration (FAA) and obtain an FAA Part 107 (Remote Pilot) license.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 5.07 – Special Operations Group
- ii. G.O. 6.15 – Small Unmanned Aircraft System (sUAS)
- iii. FAA Regulation 14 CFR Part 107 – sUAS Operations
- iv. ACSO sUAS Operations Manual

2. Robots – Category 1

Unmanned machines operating on the ground and utilized to enhance the safety of the community and Agency members.

a. Description/Capabilities, Quantity, and Cost

- i. REMOTEC ANDROS BOMB DISPOSAL ROBOT: The REMOTEC Andros F6 robot has dual mobility capability with quick release pneumatic wheels for rapid width

reduction and articulating track to traverse rough terrain. The manipulator arm has 7 degrees of freedom to ensure optimum dexterity. The grip rotation is continuous 360 degrees, the torso rotation +/- 90 degrees. It has onboard cameras with one full 360 PTZ.

Quantity: 2

Cost: \$260,486.69

- ii. TALON EOD ROBOT STANDARD SYSTEM: The Talon robot system features modular design which measures 34 inches long, 22.5 inches wide and 10.98 inches high when arm-stowed while the ground clearance is 2.7 inches. It can carry a payload of 100 pounds and has a drag capacity of up to 170 pounds with gripper, a tow capacity of 749 pounds and a maximum arm lift capacity of 20 pounds. TALON features a disruptor-ready manipulator arm, 360° rotating wrist, gripper, microphone and a loudspeaker.

Quantity: 1

Cost: \$275,642.10

- iii. TALON CBRNE RESPONSE ROBOT: The Talon robot system features modular design which measures 34 inches long, 22.5 inches wide and 10.98 inches high when arm-stowed while the ground clearance is 2.7 inches. It can carry a payload of 100 pounds and has a drag capacity of up to 170 pounds with gripper, a tow capacity of 749 pounds and a maximum arm lift capacity of 20 pounds. TALON features a disruptor-ready manipulator arm, 360° rotating wrist, gripper, microphone and a loudspeaker. The robot can be configured with a number of sensors to detect gas, chemical, radiation and temperature in HAZMAT duties.

Quantity: 1

Cost: \$406,187.77

- iv. FOSTER MILLER DRAGON RUNNER: The Dragon Runner is a small and lightweight robot designed to provide situational awareness, safety and support for reconnaissance, security, inspection and IED missions. The robot has 4 onboard day/night cameras and can lift up to 10 pounds.

Quantity: 1

Cost: \$119,069.85

- v. ICOR CALIBER T5: The ICOR Caliber T5 is a robot designed for Explosive Ordnance Disposal tasks. The robot is controlled with a command-and-control unit. There is a data and video radio frequency wireless systems, two-way communication with transmitter and receivers with push to talk functionality, a pan-tilt-zoom color camera, and front and rear drive color CCD cameras so that you can get feedback from the robot. The robot will lift, up to 45 lbs. with the arm retracted and 18 lbs. with the arm extended. It has a 360° rotating robotic claw with camera on telescoping arm. It can mount a single recoilless disruptor and function the disruptor with 4 isolated circuits.

Quantity: 4

Cost: \$158,230.46

- vi. ICOR MINI CALIBER: A lightweight, modular, one-person portable SWAT robot with audio/video capabilities. Two-way communication (talk/listen) with omnidirectional microphone and PTT (Push to Talk) functionality. 360-degree rotating robotic claw with wide angle camera and the ability to climb stairs and clear obstacles.

Quantity: 2

Cost: \$51,000

b. Purpose and Authorized Use

Electronic robots are an extension of law enforcement officers. They allow the robot to be a communication platform in de-escalation attempts as well as place a machine in high risk environments in lieu of an Agency member. The use and integration of electronics, like robots, is supported as a national law enforcement best practice. They allow for standoff, safety, and communication to effectively evolve law enforcement into the 21st century. The authorized uses of robots include; inspecting explosives and suspicious packages, safely communicating with individuals in high threat areas, and visually searching areas for hostages, victims, suspects, or other threats facing the community.

c. Expected Life Span

All robots have an expected life span of 8-10 years

d. Fiscal Impact

Annual maintenance and battery replacement cost is approximately \$2,500 per robot.

e. Training

Training for all EOD members shall be developed, approved, or presented only as set forth in G.O. 3.01, which includes basic instruction in the identification, handling, and render safe procedures for improvised explosive devices provided by the Federal Bureau of Investigations (FBI). Ongoing mandated Agency EOD in-service training for proficiency is required. An FBI refresher course is recommended every 3 years.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 5.07 – Special Operations Group
- ii. EOD P&P 3.01 – EOD Training Plan
- iii. EOD P&P 4.04 – Bomb Vans and Trailers
- iv. EOD P&P 5.01 – Equipment, Operation and Readiness

3. Armored Vehicles – Category 2

Commercially produced wheeled armored personnel vehicles utilized for law enforcement purposes.

a. Description/Capabilities, Quantity, and Cost

- i. ARMORED GROUP BALLISTIC ARMORED TACTICAL TRANSPORT (BATT), MODEL BATT-S W/ ARMORED PIERCING PACKAGE: An armored vehicle that seats 12-14 personnel with open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and Agency members beyond the protection level of shield and personal body armor.

Quantity: 1
Cost: \$154,870

- ii. ARMORED GROUP BALLISTIC ARMORED TACTICAL TRANSPORT (BATT), MODEL BATT-S W/ ARMORED PIERCING PACKAGE: An armored vehicle that seats 5 personnel with an EOD command post floor plan that allows bomb technicians to operate with the benefit of ballistic protection. It can stop various projectiles, which provides greater safety to citizens and Agency members beyond the protection level of shield and personal body armor.

Quantity: 1
Cost: \$230,535

- iii. 2013 Lenco BEARCAT: An armored vehicle that seats 12-14 personnel with open floor plan that allows for rescue of down personnel. It can stop various projectiles, which provides greater safety to citizens and Agency members beyond the protection level of shield and personal body armor.

Quantity: 2
Cost: \$300,000

b. Purpose and Authorized Use

To be used in response to critical incidents regionally to enhance both community safety and Agency members safety, improve scene containment and stabilization, and assist in resolving critical incidents. The use of armored vehicles shall only be authorized by a watch commander or SRU Commanding Officer, or designee, based on the specific circumstances of a given critical incident. Armored vehicles should only be operated by an SRU team member. Armored vehicles shall not be used for routine patrol operations.

c. Expected Life Span

15 years

d. Fiscal Impact

Annual maintenance cost for each armored vehicle is approximately \$1,000

e. Training

All driver/operators shall be trained in vehicle operations and practical driving instruction. All armored vehicles should only be operated by an SRU team member and in a manner consistent with Agency policy and training.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 5.30 – Operation of Agency Emergency Vehicle
- ii. SRU P&P. 3.03 – Tactical Response Vehicles

4. LDV Mobile Command Center (MCC) – Category 5

a. Description/Capabilities, Quantity, and Cost

A mobile office that provides shelter, access to Sheriff's Office computer systems and communications, television monitors, workspaces, and exterior cameras. This is a custom built 36 foot LDV emergency response vehicle on a 2006 Freightliner frame.

Quantity: 1

Cost: \$600,000

b. Purpose and Authorized Use

The purpose of the MCC is to provide workspace and communication stations for field command operations. It also has television monitors to monitor news and events in real time. The vehicle is used as a mobile command post for emergency situations which require extended communications and control functions. The MCC may be used as a command post during disaster or emergency response situations. The MCC is a regional asset and as such may be utilized for deployment to other jurisdictions in cases of mutual assistance requests. Due to its unique function, the MCC may be deployed to community events as a static demonstration, with an operator to answer the public's questions about the functions and deployment. The Specialized Services Captain will be responsible for authorizing the use of the MCC.

c. Expected Life Span

20 years

d. Fiscal Impact

Annual maintenance cost is approximately \$5,000

e. Training

All drivers must have completed the California Class B Commercial driving school and be properly licensed. The driver must have completed familiarization training of the MCC. The operator must have completed the familiarization training and be proficient in operating and troubleshooting the generator, satellite system, telephones, computers, external lighting, television monitors, camera, computers, and radios.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. OES P&P. 4.01 – Mobile Command Center
- ii. G.O. 5.30 – Operation of Agency Emergency Vehicle

5. LDV Mobile Response Vehicle EOD MCC – Category 5

a. Description/Capabilities, Quantity, and Cost

The EOD MCC provides workspace and communication stations for field command operations. It also has television monitors to monitor news and events in real time. The vehicle is used as a mobile command post for emergency EOD situations which require extended communications and control functions. Due to its unique function, the EOD MCC may be deployed to community events as a static demonstration, with an operator to answer the public's questions about the functions and deployment.

Quantity: 1

Cost: \$278,305

b. Purpose and Authorized Use

To be used during specific circumstances of a critical incident, large event, natural disaster, or community event that is taking place. The Special Operations Group (SOG) Captain will be responsible for authorizing the use of the EOD MCC

c. Expected Life Span

15 years

d. Fiscal Impact

Annual maintenance cost is approximately \$3,000

e. Training

Class A license and internal Agency training required to operate

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. EOD P&P 4.04 – Bomb Vans and Trailers
- ii. EOD P&P 5.01 – Equipment, Operation and Readiness
- iii. G.O. 5.30 – Operation of Agency Emergency Vehicle

6. Ford F550 Mobile Response Vehicle EOD – Category 5

a. Description/Capabilities, Quantity, and Cost

A Ford F-550 and custom exterior storage box which contains equipment utilized to safely deal with situations where explosives, energetic material or suspicious items need to be identified and/or rendered safe.

Quantity: 3

Cost: \$180,000

b. Purpose and Authorized Use

The EOD response vehicle is used for explosive identification and render safe callouts.

c. Expected Life Span

15 years

d. Fiscal Impact

Estimated annual maintenance cost is \$3,000

e. Training

All drivers must possess a California Class C driver license.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. EOD P&P 4.04 – Bomb Vans and Trailers
- ii. EOD P&P 5.01– Equipment, Operation and Readiness
- iii. G.O. 5.30 – Operation of Agency Emergency Vehicle

7. Crisis Intervention Unit (CIU) Vehicle – Category 5

a. Description/Capabilities, Quantity, and Cost

A Ford E-450 mobile office that provides a sheltered workspace with access to Sheriff's Office computers, communications systems, and workspaces during critical incident callout events for the CIU team.

Quantity: 1

Cost: \$180,000

b. Purpose and Authorized Use

The CIU vehicle is used for critical incident callouts, specifically when the situation

dictates the need for the CIU team.

c. Expected Life Span

20 years

d. Fiscal Impact

Estimated annual maintenance cost is \$1,000.

e. Training

All drivers/operators shall receive training in the safe handling of the vehicle and possess a Class C driver license.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. CIU P&P 5.01– Inventory Control
- ii. SRU P&P 5.01 – Crisis Intervention Unit
- iii. G.O. 5.30 – Operation of Agency Emergency Vehicle

8. Small Unmanned Aircraft System Mobile Command Center (sUAS MCC) – Category 5

a. Description/Capabilities, Quantity, and Cost

A 2021 Mercedes-Benz 3500XD Sprinter Van that provides workspace and communications for Fields Command Operations. This van is capable of monitoring numerous sUAS flights and video streaming to Command Staff and/or government officials.

Quantity: 1

Cost: \$393,078

b. Purpose and Authorized Use

The sUAS MCC may be deployed to any law enforcement events including, but not limited to, hostage rescue, search & rescue, barricaded subjects, wildland fires and large natural disasters. The sUAS MCC may also be deployed to community events as a static display, with operators to answer questions about the vehicle and its capabilities. The Special Operations Group Captain will be responsible for authorizing the use of the sUAS MCC.

c. Expected Life Span

15 years

d. Fiscal Impact

Estimated annual maintenance cost is \$2,500

e. Training

All drivers/operators shall receive training in the safe handling of the vehicle and possess a Class C driver license.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 5.07 – Special Operations Group
- ii. G.O. 5.30 – Operation of Agency Emergency Vehicle

9. Rifles and Ammunition – Category 10

Rifles are firearms capable of accurately stopping an armed subject at various distances, with reduced over-penetration than the standard-issued department handgun. They are lightweight, gas operated, magazine fed, shoulder or mount fired weapons, designed for semi-automatic fire. Rifles fire various caliber projectiles (.223, .308, .338, .5.56, 7.62), which are capable of penetrating soft body armor worn by armed suspects.

a. Description/Capabilities, Quantity, and Cost

RIFLES

- i. ACCURACY INTERNATIONAL, AX308, .308 WIN (LONG RIFLE): The Accuracy International AX Rifle is a bolt-action single shot rifle with free-floating barrel and a magazine capacity of ten rounds. Designed around the .308 Winchester cartridge, the AX can be converted for use with other short action cartridges such as the 6.5 Creedmoor - at the user level.
Quantity: 9
Cost: \$5,999
- ii. ACCURACY INTERNATIONAL, AXMC, .338 LAPUA (LONG RIFLE): The AXMC long rifle is a bolt-action single shot rifle with free-floating barrel and a magazine capacity of ten rounds. The AXMC rifle is easily upgradeable with a number of accessories and upgrades which can be purchased from Accuracy International distributors.
Quantity: 1
Cost: \$7,500
- iii. ARMALITE, M15, 5.56X45MM: The M15TAC14 is an AR-15 style rifle which utilizes a 5.56 round.
Quantity: 2
Cost: \$1,850
- iv. BUSHMASTER, XM15-E2S, 5.56X45MM: This Bushmaster Model XM15-E2S is an AR-15 style rifle which utilizes a 5.56 round.
Quantity: 21
Cost: \$949
- v. COLT, AR-15, 5.56X45MM: The Colt AR-15 is a lightweight, magazine-fed, gas-operated semi-automatic rifle. It is a semi-automatic version of the M16 rifle sold for the civilian and law enforcement markets in the United States.
Quantity: 2
Cost: \$2,000
- vi. COLT, AR-15A2, 5.56X45MM: All of the Colt AR-15 Models are essentially the same with slight variations based on the version and year it was produced.
Quantity: 16
Cost: \$1,500

- vii. COLT, AR-15A2 CARBINE, 5.56X45MM: All of the Colt AR-15 Models are essentially the same with slight variations based on the version and year it was produced.
Quantity: 3
Cost: \$1,300
- viii. COLT, AR-15A3, 5.56X45MM: All of the Colt AR-15 Models are essentially the same with slight variations based on the version and year it was produced.
Quantity: 12
Cost: \$900
- ix. COLT, LE CARBINE, 5.56X45MM: This is a specially designed law enforcement weapon. With the 4-position buttstock fully retracted, the Colt Law Enforcement Carbine is less than 32in length and weighs only 6.9 lb. - ideal for tactical deployment and traditional patrol.
Quantity: 7
Cost: \$1,100
- x. COLT, LE6920, 5.56X45MM: The Colt M4 Trooper 5.56mm 16" (aka Colt Trooper Patrol Carbine) .223 Remington/5.56 NATO chambered semi-automatic is an upgrade to the civilian version of the Colt M4.
Quantity: 182
Cost: \$1,100
- xi. COLT, LE6933, 5.56X45MM: The Colt Enhanced Patrol Rifle is an AR-15 style rifle which utilizes a 5.56 round and is similar in appearance to the other Colt rifles.
Quantity: 17
Cost: \$1,315
- xii. COLT, M4 CARBINE, 5.56X45MM: The Colt AR15 M4 Carbine is an AR-15 style rifle which utilizes a 5.56 round and is similar in appearance to the other Colt Rifles.
Quantity: 11
Cost: \$1,300
- xiii. COLT, SP6920, 5.56X45MM: The Colt SP6920 is Colt's primary M4 Carbine clone sold to civilians and law enforcement in the United States. It features a 16in. (40.6cm) barrel and is practically identical to the Colt M4 Carbines in every other way, except for the lack of fully automatic/burst fire modes.
Quantity: 13
Cost: \$1,300
- xiv. COLT, SPORTER, .223: The AR-15 Sporter is a semi-automatic variant of the AR-15 series of assault rifles.
Quantity: 1
Cost: \$1,400
- xv. COLT, SPORTER HBAR, 5.56X45MM: This Colt Model Sporter Match HBAR is a right-hand semi-auto tactical rifle in 5.56 NATO Cal. It has a 19.5-inch barrel plus

a muzzle device. 1/9 twist. An adjustable post front sight with protective sides and an adjustable flip two position aperture rear sight.

Quantity: 1

Cost: \$2,000

- xvi. COLT, SPORTER LW, .223: The AR-15 Sporter is a semi-automatic variant of the AR-15 series of assault rifles.
Quantity: 1
Cost: \$1,400
- xvii. HECKLER & KOCH, 53A3, 5.56X45MM: The HK 53 is a compact rifle. The HK 53 is the short carbine variant of the HK 33 rifle. The HK 53 looks like it has similar proportions as the MP5, but the magazine well and forearm and flash hider are longer, making it a slightly longer weapon.
Quantity: 1
Cost: Discontinued – No pricing available
- xviii. LMT, SPM16, 5.56X45MM: The SPM16 is an AR-15 style rifle which utilizes a 5.56 round.
Quantity: 4
Cost: \$2,000
- xix. LWRC, IC Enhanced, 5.56X45MM: The IC-Enhanced with one-piece Monoforge upper design includes an integrated rail-base that is stronger and lighter. The 9" user configurable rail system with individual rail sections allow the shooter to place accessory rails where they are needed while maintaining its low profile ergonomic fit and function.
Quantity: 1
Cost: \$2,500
- xx. LWRC, ICDI, 5.56X45MM: The IC DI Pistol model combines all of the features found in full-size rifle models, including an LWRCI 10.5" cold hammer forged Ni-Corr treated heavy barrel, modular one-piece free-float standard rail and Monoforge upper receiver.
Quantity: 19
Cost: \$1,500
- xxi. LWRC, ICDIR5B16, 5.56X45MM: Essentially the same as the LWRC ICDI, with slight variations based on the version and year it was produced.
Quantity: 4
Cost: \$1,800
- xxii. LWRC, M61C, 5.56X45MM: The LWRC M61C is a AR-15/M4 platform. It has many upgrades over standard AR-15s, including a Nickel Boron trigger group, monoforge upper receiver, 7075 aluminum forging for additional strength, and type-3 hard coat anodizing.
Quantity: 36
Cost: \$1,400
- xxiii. LWRC, REPR M2, 7.62X51MM (LONG RIFLE): The LWRCI Rapid Engagement

Precision Rifle (R.E.P.R.) is a rifle designed to put 7.62 mm NATO rounds on target in a variety of real-world applications.

Quantity: 1

Cost: \$4,200

- xxiv. LWRCI, REPR MK11, 7.62X51MM (LONG RIFLE): The LWRCI Rapid Engagement Precision Rifle (R.E.P.R.) is a rifle designed to put 7.62 mm NATO rounds on target in a variety of real-world applications.
Quantity: 1
Cost: \$4,200
- xxv. LWRCI, ICDI, 5.56X45MM: The ICDI is a rifle designed to put 5.56 mm rounds on target in a variety of real-world applications.
Quantity: 19
Cost: \$1,700
- xxvi. ROCK RIVER ARMS, LAR-15, 5.56X45MM: An AR-15 style rifle which utilizes a 5.56 mm round.
Quantity: 58
Cost: \$1,000
- xxvii. SIG SAUER, WRM-400, 5.56X45MM: The WRM-400 is an AR-15 style rifle which utilizes a 5.56 mm round.
Quantity: 7
Cost: \$1,000
- xxviii. SPRINGFIELD ARMORY, M-14, 7.62X51MM: This is a select fire rifle that fires the 7.62x51mm NATO round. The design is derived from the M1 Garand. The M14M is a M14 modified for semi-automatic fire only and was widely sold to US civilians.
Quantity: 1
Cost: \$1,300
- xxix. TRW, M-14, 7.62X51MM: Discontinued – No manufacturer's description available
Quantity: 2
Cost: Discontinued – No pricing available
- xxx. WINCHESTER, M-14, 7.62X51MM: Discontinued – No manufacturer's description available
Quantity: 1
Cost: Discontinued – No pricing available

RIFLE AMMUNITION

- i. .223 SPEER GOLD DOT LE DUTY, REMINGTON, 75 GRAIN, SOFT POINT: Speer LE Gold Dot Duty Rifle delivers proven ammo technology to the rifle platform for each consumer. The Gold Dot bullet was the first high performance, bonded-core bullet available in handgun ammunition, and has since set the bar very high for duty ammo. These specially designed loads bring law enforcement rifle ammunition to the next level. The kind of performance that is presented with the LE Gold Dot ammunition by Speer is significantly increases the abilities of duty rifles and provides law enforcement personnel a diverse advantage when it matters most. In addition, these new loads boast

outstanding feeding in short, very short and standard-length AR platforms.

Quantity: 29,543

Cost: \$1.10 per round

- ii. **.308 FEDERAL GOLD MEDAL MATCH WINCHESTER, 168 GRAIN (LONG RIFLE):** Federal Gold Medal 308 Winchester ammunition is new production ammo that features a 168 Grain Sierra MatchKing Hollow Point Boat Tail bullet, a non-corrosive boxer primer and the 308 Winchester ammunition is brand new never fired virgin brass casing that can be reloaded up to seven times for those shooters that reload their 308 Winchester ammunition. Sierra MatchKing Boat-tail bullet with Federal's proprietary delivery system. Federal's Gold Medal 308 Winchester ammo offers a muzzle speed of 2650 feet per second and a muzzle energy of 2619 foot pounds. Stringent manufacturing controls give you what many experts and international shooters consider the most accurate match 308 Winchester round available from a factory.

Quantity: 6,180

Cost: \$1.70 per round

- iii. **.308 RUAG SWISS P AP, 196 GRAIN (LONG RIFLE):** The most accurate armor piercing round. Because the core stays intact during penetration, it transfers extremely efficient residual energy to hard targets. Extended barrel durability due to patented projectile design. Ballistics matched to the SWISS P Ball, Target, Styx Action and Tactical bullet types.

Quantity: 200

Cost: \$2.30 per round **Replaces the Ruag Swiss P: .308 Winchester Match Target (vi. Below)**

- iv. **.308 RUAG SWISS P WINCHESTER STYX ACTION, 167 GRAIN (LONG RIFLE):** The hyper expanding hollow point bullet immediately deposits its energy within a very short distance providing excellent stopping power on soft targets and is direction stable. The sophisticated bullet tip provides a reliable hyper expansion to approximately twice the original diameter. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch. A wide range of special purpose bullets provide the desired terminal effect on hard and soft targets on every mission. All .308 Win. SWISS P rounds have an identical point of impact at 100 m which allows the shooter to instantly change the bullet type.

Quantity: 6,520

Cost: \$2.63 per round

- v. **.308 RUAG SWISS P WINCHESTER TACTICAL (GLASS), 163 GRAIN (LONG RIFLE):** The challenge is to accurately hit targets behind an angled window or wind shield without the risk of unpredictable bullet deflection. This could endanger bystanders, especially if the shooting line is not perpendicular to the window. Conventional bullets break apart or fragment when penetrating glass which makes accurate shooting impossible. At least 90% of the residual body of the SWISS P Tactical bullet stays intact and it does not fragment at all. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch.

Quantity: 860

Cost: \$6.25 PER ROUND

~~vi. RUAG SWISS P: .308 WINCHESTER MATCH TARGET, 168 GRAIN (LONG RIFLE):~~

~~This is the perfect round for highly accurate target shooting in competition and training. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch. A wide range of special purpose bullets provide the desired terminal effect on hard and soft targets on every mission. All .308 Win. SWISS P rounds have an identical point of impact at 100 m which allows the shooter to instantly change the bullet type.~~

~~Quantity: 200~~

~~Cost: \$1.65 per round~~ Replaced by .308 Ruag Swiss P AP (iii. above)

- vi. RUAG SWISS P: .338 LAPUA MAGNUM AP, 260 GRAIN (LONG RIFLE): The most accurate Armor Piercing round the tungsten carbide core provides outstanding penetration power Temperature independent propellant guarantees a consistent point of impact Coordinated ballistics with SWISS P Ball, Target, Styx Action and Tactical rounds up to 300 m.

Quantity: 380

Cost: \$2.30 per round

- vii. RUAG SWISS P: .338 LAPUA MAGNUM STYX ACTION, 247 GRAIN (LONG RIFLE): The hyper expanding hollow point bullet immediately deposits its energy within a very short distance providing excellent stopping power on soft targets and is direction stable. The sophisticated bullet tip provides a reliable hyper expansion to approximately twice the original diameter. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch. A wide range of special purpose bullets provide the desired terminal effect on hard and soft targets on every mission. All .338 Lapua Mag. SWISS P rounds have an identical point of impact at 300 m which allows the shooter to instantly change the bullet type.

Quantity: 280

Cost: \$5.75 per round

- viii. RUAG SWISS P: .338 LAPUA MAGNUM TACTICAL (GLASS), 250 GRAIN (LONG RIFLE): The challenge is to accurately hit targets behind an angled window or wind shield without the risk of unpredictable bullet deflection. This could endanger bystanders, especially if the shooting line is not perpendicular to the window. Conventional bullets break apart or fragment when penetrating glass which makes accurate shooting impossible. At least 90% of the residual body of the SWISS P Tactical bullet stays intact and it does not fragment at all. Tight production tolerances and small production batches ensure constant ballistic values and stringent quality controls guarantee identical trajectory from batch to batch.

Quantity: 320

Cost: \$4.95 per round

- ix. 5.56MM WINCHESTER RANGER, 64 GRAIN, RA556B BONDED SOLID BASE: The Winchester Ranger 5.56mm 64gr Bonded Solid Base rifle duty ammunition has a protected soft point designed to initiate rapid and controlled expansion to quickly stop a potential threat. Its bonded lead core maximizes retained weight for consistent terminal performance through a wide range of demanding barriers. The extruded solid base design maximizes penetration even after encountering a tough barrier such as auto

glass.
Quantity: 340
Cost: \$1.50 per round

b. Purpose and Authorized Use

Rifles may be deployed and utilized under specific conditions and circumstances when a potential lethal threat has been identified and personnel require the capability of a rifle to overcome the threat. These are mainly high-risk situations where precision and distance are factors as they are more accurate and effective than standard-issued department handguns. These situations include, but are not limited to:

- i. Barricaded suspect(s)
- ii. Felony warrant service
- iii. VIP protection
- iv. High risk undercover operations
- v. Armed suspects
- vi. Shots fired on-scene prior to or during police response
- vii. Hostage situations
- viii. Acts or threats of violence against hostages, victims, and/or deputies
- ix. Active shooter incidents

Whenever possible, personnel shall obtain permission from a Patrol Supervisor or on scene Tactical Supervisor prior to deploying a patrol rifle.

c. Expected Life Span

15-20 years

d. Fiscal Impact

Estimated annual maintenance cost is \$50-\$100 per rifle.

e. Training

Only personnel who have completed the sixteen-hour ACSO AR-15 training course, or an equivalent POST certified training course authorized by the Regional Training Center, may be assigned to carry and utilize the weapon. Personnel must also complete a re-certification course within twelve months of the original training course, and once a year thereafter. For those assigned to the SRU Reconnaissance Team and possess a long rifle, they must successfully complete a POST certified Basic Sniper Course and participate in documented and verifiable training on a monthly basis

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 2.45 – AR-15 Semi-Automatic Rifle Deployment
- ii. G.O. 5.07 – Special Operations Group
- iii. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
- iv. Rules and Regulations 3.4.31 – Ammunition
- v. PC 835a – Objectively Reasonable Force to Effect Arrest; Use of Deadly Force

10. Chemical Agents and Smoke Canisters – Category 12

Canisters that contain chemical agents or smoke that are released into the air when deployed.

a. Description/Capabilities, Quantity, and Cost

- i. COMBINED TACTICAL SYSTEMS #5230B, CS BAFFLED CANISTER, PYRO, LOW FLAME POTENTIAL: Pyrotechnic canister designed for indoor use delivering a maximum amount of irritant smoke throughout multiple rooms with minimal risk of fire.
Quantity: 24
Cost: \$50.00
- ii. DEFENSE TECHNOLOGY #1016, POCKET TACTICAL CANISTER, CS: The Pocket Tactical CS Canister is small, and lightweight. The 0.9 oz. of active agent will burn approximately 20-40 seconds. At 4.75" by 1.4" size, it easily fits in most tactical pouches. This is a launchable canister, however, it is normally used as a signaling or covering device. Though this device is slightly over four inches in length, it produces a smoke cloud so fast it appears to be an enveloping screen produced by a full-size tactical canister
Quantity: 108
Cost: \$28
- ~~iii. COMBINED TACTICAL SYSTEMS, OUTDOOR 92 SERIES JET-LITE RUBBER BALL CANISTER (WHITE SMOKE), #9210: The 9210 Smoke Jet-Lite Rubber Ball Canister is one of the smaller diameter burning canisters that discharges a high volume of smoke and chemical agents through multiple emission ports. Specifically, for outdoor use and should not be deployed from rooftops, in crawl spaces or indoors due to fire producing capability. Can be hand thrown or launched.
Quantity: 20
Cost: \$33.99~~
- ~~iv. COMBINED TACTICAL SYSTEMS, CS JET-LITE RUBBER BALL CANISTER, PYRO (WHITE SMOKE & CS), #9230: The 9230 CS Jet-Lite Rubber Ball Canister is one of the smaller diameter burning canisters that discharges a high volume of chemical agents through multiple emission ports. Specifically, for outdoor use and should not be deployed from rooftops, in crawl spaces or indoors due to fire producing capability. Can be hand thrown or launched.
Quantity: 68
Cost: \$50.00~~
- iii. DEFENSE TECHNOLOGY #1032, FLAMELESS TRI-CHAMBER CS CANISTER: The design of the Tri-Chamber Flameless CS Canister allows the contents to burn within an internal can and disperse the agent safely with reduced risk of fire. The canister is designed primarily for indoor tactical situations to detect and/or dislodge a barricaded subject. This canister will deliver approximately .70 oz. of agent during its 20-25 seconds burn time. The Tri-Chamber Flameless Canister can be used in crowd control as well as tactical deployment situations by Law Enforcement and Corrections but was designed with the barricade situation in mind. Its applications in tactical situations are primarily to detect and/or dislodge barricaded subjects. The purpose of the Tri-Chamber Flameless Canister is to minimize the risks to all parties through pain compliance, temporary discomfort, and/or incapacitation of potentially violent or dangerous subjects. The Tri-Chamber Flameless Canister provides the option of delivering a pyrotechnic chemical device indoors, maximizing the chemicals' effectiveness via heat and vaporization, while minimizing or negating the

chance of fire to the structure. The Tri-Chamber Flameless Canister is NOT to be launched utilizing a launching cup.

Quantity: 50 Previously approved for 24

Cost: \$46.25

- iv. DEFENSE TECHNOLOGY #1050, OC/CS AEROSOL CANISTER: Designed for indoor use, this canister contains no CFCs, is not a fire hazard and requires minimal decontamination by comparison to smoke, powders, or liquids. The Aerosol Canister is most commonly used in tactical situations by Law Enforcement and Corrections and was designed with indoor operations in mind when a non-fire producing delivery system is desired. It is most effective when used in confined areas and close to the target area. Used to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects. The Aerosol Canister is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder, or liquid devices is not practical or desired. The OC and CS combination provide sufficient effects in confined areas of up to 1,500 square feet. The Aerosol Canister is not recommended for outdoor use.
Quantity: 28
Cost: \$60.15
- v. DEFENSE TECHNOLOGY #1056, OC VAPOR AEROSOL CANISTER: The Defense Technology OC Vapor Aerosol Canister is for law enforcement and corrections use to deliver a high concentration of Oleoresin Capsicum (OC) in a powerful mist. The canister is designed for indoor use in confined areas and once deployed inflames the mucous membranes and exposed skin resulting in an intense burning sensation. The incapacitating effect of the OC Vapor on the subject is dramatic with minimal decontamination needed. Removing the subject from the affected area to fresh air will resolve respiratory effects within minutes. The OC Vapor Aerosol Canister is ideal for cell extractions or barricade situations where the use of pyrotechnic, powder, or liquid devices is not practical or desired.
Quantity: 90 Previously approved for 16
Cost: \$50.15
- vi. DEFENSE TECHNOLOGY #1082, RIOT CONTROL CONTINUOUS DISCHARGE CANISTER, CS: The Riot Control CS Canister is designed specifically for outdoor use in crowd control situations with a high volume continuous burn that expels its payload in approximately 20-40 seconds through four gas ports located on the top of the canister. This canister can be used to conceal tactical movement or to route a crowd. The volume of smoke and agent is vast and obtrusive. This launchable canister is 6.0 in. by 2.35 in. and holds approximately 2.7 oz. of active agent.
Quantity: 96
Cost: \$29.30
- vii. DEFENSE TECHNOLOGY #1083, MAXIMUM HC SMOKE MILITARY-STYLE CANISTER: The Military-Style Maximum Smoke Canister comes from the Defense Technology #3 smoke canister. It is a slow burning, high volume, continuous discharge canister designed for outdoor use in crowd management situations. Emits grey-white smoke only for approximately 1.5 to 2 minutes.
Quantity: 203
Cost: \$39.15

- viii. DEFENSE TECHNOLOGY #1087, STINGER 60-CALIBER RUBBER BALL CANISTER: The Stinger Canister is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. The Stinger Canister is most widely used as a crowd management tool. The Rubber Ball Blast Canister is used to deliver 60 Caliber Rubber Balls with the stimuli of light and sound. The canister is most widely used as a crowd management training tool by Law Enforcement and Corrections.
Quantity: 203
Cost: \$50.15
- ix. DEFENSE TECHNOLOGY #1092, HAN-BALL CANISTER, CS: The Han-Ball CS Canister is an outdoor use canister expelling its payload in approximately 15-20 seconds. The rubber ball round has an overall size of 4.8" tall, including the fuze head, and 3.1" diameter. This launchable canister holds approximately 1.6 oz. of active agent which is expelled through three ports around the equator of the ball.
Quantity: 400
Cost: \$40.75
- x. DEFENSE TECHNOLOGY #1093, HAN-BALL CANISTER, SAF-SMOKE: The Han-Ball Saf-Smoke Canister is fast burning high volume continuous discharge canister. The outdoor use canister expels its payload in approximately 15-20 seconds. The rubber ball round has an overall size of 4.8" tall, including the fuze head, and 3.1" diameter. This launchable canister holds approximately 1.6 oz. of active agent which is expelled through three ports around the equator of the ball.
Quantity: 215
Cost: \$40.75
- ~~xii. DEFENSE TECHNOLOGY, STINGER CS RUBBER BALL CANISTER, #1088: The Stinger CS Rubber Ball Canister is a maximum effect device that delivers four stimuli for psychological and physiological effects: rubber pellets, light, sound, and CS. The Stinger Canister is most widely used as a crowd management tool by Law Enforcement and Corrections. The Stinger Canister has a blast which is sufficient to project the rubber balls and chemical agent in a 50-foot radius.
Quantity: 189
Cost: \$55.70~~
- xiii. DEFENSE TECHNOLOGY, STINGER 32-CALIBER RUBBER BALL CANISTER, #1090: The Stinger Rubber Ball Canister is a maximum effect device that delivers three stimuli for psychological and physiological effects: rubber pellets, light, and sound. The Stinger Rubber Ball Canister is most widely used as a crowd management tool by Law Enforcement and Corrections. The Stinger Rubber Ball Canister has a blast which is sufficient to project the rubber balls in a 50-foot radius.
Quantity: 203
Cost: \$52.35
- ~~xvi. DEFENSE TECHNOLOGY, RUBBER BALL BLAST CANISTER, OC, #1095: The Rubber Ball OC Blast Canister is a maximum effect device that delivers three stimuli for psychological and physiologic al effects: light, sound, and OC. The Rubber Ball OC Blast is most widely used as a crowd management tool by Law Enforcement and~~

~~Corrections. The Rubber Ball OC Blast Canister combines loud report and flash with effects of chemical agents.~~

~~Quantity: 249~~

~~Cost: \$48.75~~

b. Purpose and Authorized Use

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

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

Agency members are authorized to use them during the performance of their duties to protect life and property.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

5 years from manufacturing date

d. Fiscal Impact

No annual maintenance

e. Training

Agency members utilizing chemical agents are trained in-house by POST chemical agent instructors.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 1.05 – Use of Force
- ii. G.O. 1.21 – Less Lethal Weapons System
- iii. RTC P&P 9.02 – Safety Policy – Chemical Agents
- iv. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
- v. SRU P&P 5.03 – Equipment Issuance, Inventory and Accountability
- vi. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

11. Light-Sound Diversionary Devices (LSDD) – Category 12

A LSDD is ideal for deescalating dangerous situations without the use of a higher level of force. They are used for distracting dangerous suspects during assaults, hostage rescue, room entry, or other high-risk arrest situations.

a. Description/Capabilities, Quantity, and Cost

- i. DEFENSE TECHNOLOGY, DISTRACTION DEVICE 12-GRAM RELOAD, #8901:
The Distraction Device Reload utilizes a standard military-style M201A1 type fuse and produces 175 dB of sound output at 5 feet and 6-8 million candelas for 10 milliseconds. The reload is available with and without a safety clip.

Quantity: 7
Cost: \$36.75

- ii. COMBINED TACTICAL SYSTEMS, MINI-BANG STEEL BODY, #7290M: The CTS 7290M Mini Light and Sound Distraction Device exhibits all the same attributes of its larger counterpart but in a smaller and lighter package. Weighing in at just 15 ounces the 7290M is approximately 30% lighter than the 7290 but still has the same 175db output of the 7290 and produces 6-8 million candelas of light. The patented design of the 7290M, incorporates a porting system that eliminates movement of the body at detonation even if the top or bottom of the device should be in contact with a hard surface. In addition, internal adjustments have greatly reduced smoke output.

Quantity: 150 Previously approved for 100

Cost: \$45.00

b. Purpose and Authorized Use

To produce atmospheric over-pressure and brilliant white light and, as a result, can cause short-term (6-8 seconds) physiological/psychological sensory deprivation to give Agency members a tactical advantage. To be used in hostage and barricaded situations, high risk warrant services, and any other situation where their use would enhance Agency members' and hostages' safety.

c. Expected Life Span

5 years from manufacturing date

d. Fiscal Impact

No annual maintenance

e. Training

Agency members utilizing LSDDs are trained by POST certified instructors.

f. Legal and Procedural Rules that Govern Each Authorized Use

SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents

12. Long Range Acoustic Device 100X (LRAD) – Category 13

a. Description/Capabilities, Quantity, and Cost

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 that can effectively broadcast messages through wind, engine and background noise and is able to be clearly understood even inside vehicles and some buildings. The Leading Portable Acoustic Hailing Device for On-Scene and Tactical Communications. In addition to featuring best in class broadcast voice intelligibility, the LRAD 100X is 20 – 30 decibels louder than typical bullhorns and vehicle-based P.A. systems. Live or recorded broadcasts from the portable LRAD 100X are heard above crowd and background noise to ensure every message is clearly delivered. Optimized driver and waveguide technology coupled with power efficiency ensure several hours of clear, continuous communication. The LRAD warning tone safely alerts attention to the voice messages that follow, establishes large standoff zones, and is the safer crowd control alternative to non-lethal and kinetic measures. The clear communication leads to a safer environment during critical incidents and enhances

the safety of the community, criminal subjects, and law enforcement. Absent exigent circumstances and to protect a person from the threat of death or great bodily injury, the LRAD shall not be used as a weapon.

Quantity: 2

Cost: \$9,754

b. Purpose and Authorized Use

The LRAD 100X is not designed to be a weapon. It is utilized to safely communicate critical instructions and emergency warning tones to people over a large distance. Only trained personnel from the Special Response Unit or Crisis Intervention Unit will deploy the LRAD 100X during tactical operations to include search warrant executions, barricaded subjects, crowd management operations, and the safe de-escalation of events surrounding subjects suffering from a mental health crisis.

c. Expected Life Span

Indefinite

d. Fiscal Impact

No annual maintenance cost

e. Training

In-field training according to the manufacturer's instruction manual

f. Legal and Procedural Rules that Govern Each Authorized Use

i. CIU P&P 5.01 – Inventory Control

ii. SRU P&P 3.04 – Long Range Acoustical Device

13. Long Range Acoustic Device 300X (LRAD) – Category 13

a. Description/Capabilities, Quantity, and Cost

The LRAD 300X is a vehicle mounted and transported device with high intensity directional acoustical array for long-range, crystal-clear hailing, notification, and an unmistakable warning tone. The LRAD 300X broadcasts clear, authoritative voice commands and is primarily used as a communication device that can effectively broadcast messages through wind, engine and background noise and is able to be clearly understood even inside vehicles and some buildings. Live or recorded broadcasts from the LRAD 300X are heard above crowd and background noise to ensure every message is clearly delivered. Optimized driver and waveguide technology coupled with power efficiency ensure several hours of clear, continuous communication. The LRAD warning tone safely alerts attention to the voice messages that follow, establishes large standoff zones, and is the safer crowd control alternative to non-lethal and kinetic measures. The clear communication leads to a safer environment during critical incidents and enhances the safety of the community, criminal subjects, and law enforcement. Absent exigent circumstances and to protect a person from the threat of death or great bodily injury, the LRAD shall not be used as a weapon.

Quantity: 1

Cost: \$10,000

b. Purpose and Authorized Use

The LRAD 300X is not designed to be a weapon. It is utilized to safely communicate

critical instructions and emergency warning tones to people over a large distance. Only trained personnel from the Special Response Unit or Crisis Intervention Unit will deploy the LRAD 300X during tactical operations to include search warrant executions, barricaded subjects, crowd management operations, and the safe de-escalation of events surrounding subjects suffering from a mental health crisis.

c. Expected Life Span

Indefinite

d. Fiscal Impact

No annual maintenance cost

e. Training

In-field training according to the manufacturer's instruction manual

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. CIU P&P 5.01 – Inventory Control
- ii. SRU P&P 3.03 – Tactical Response Vehicles
- iii. SRU P&P 3.04 – Long Range Acoustical Device

14. 40MM Less Lethal Launcher and Rounds – Category 14

40MM launchers are utilized by Agency members as a less lethal tool to launch impact rounds.

a. Description/Capabilities, Quantity, and Cost

- i. COMBINED TACTICAL SYSTEMS, 40MM CS LIQUID BARRICADE, SPIN STABILIZED, 4.1" LONG, #4330: Liquid CS filled projectile penetrates intermediate barriers and delivers irritant agents into an adjacent room
Quantity: 100 Previously approved for 50
Cost: \$29.70
- ii. COMBINED TACTICAL SYSTEMS, 40MM CS POWDER BARRICADE, SPIN STABILIZED, 4.1" LONG, #4431: CS powder filled projectile penetrates intermediate barriers and delivers irritant agents into an adjacent room.
Quantity: 100 Previously approved for 50
Cost: \$31.90
- iii. DEFENSE TECHNOLOGY, 40MM LMT TACTICAL SINGLE LAUNCHER, EXPANDABLE STOCK, #1425: The 40MM Single Launcher is a tactical single shot launcher that features an expandable ROGERS Super Stoc and an adjustable Integrated Front Grip (IFG) with light rail. It will fire standard 40mm less lethal ammunition, up to 4.8 inches in cartridge length. It will launch a 40MM less lethal round up to 131 feet.
Quantity: 28
Cost: \$985.70
- iv. PENN ARMS, GL-1 COMPACT 40MM SINGLE LAUNCHER, #L140-4: A 40mm compact single-shot break-open frame launcher with a rifled barrel and folding stock.
Quantity: 4
Cost: \$794.32

- ~~v. DEFENSE TECHNOLOGY, BEAN BAG ROUND 40MM, #6025: The 40mm Bean Bag Round incorporates a 4.8 inch casing that contains one (1) silica and sand filled bag. The 40mm utilizes smokeless powder and therefore has more consistent velocities than its black powder counterpart. The 40mm Bean Bag Round is most widely used as a crowd management tool by Law Enforcement and Corrections when there is a need to target individual instigators. It has also been successfully used as a dynamic, high-energy single subject round for incapacitation or distraction.
Quantity: 13
Cost: \$28.10~~
- v. DEFENSE TECHNOLOGY, FERRET 40MM LIQUID BARRICADE PENETRATOR ROUND, CS, #2262: Used primarily by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impacting the barrier, the nose cone ruptures and instantaneously delivers a small chemical payload inside of a structure or vehicle. In a tactical deployment situation, the 40mm Ferret is primarily used to dislodge barricaded subjects from confined areas. Its purpose is to minimize the risks to all parties through pain compliance, temporary discomfort and/or incapacitation of potentially violent or dangerous subjects.
Quantity: 100 Previously approved for 62
Cost: \$28.15
- vi. DEFENSE TECHNOLOGY, FERRET 40MM POWDER BARRICADE ROUND, CS, #2292: The Ferret 40 mm Barricade Penetrating Round is filled with a CS powder chemical agent. It is a frangible projectile that is spin stabilized utilizing barrel rifling. It is non-burning and designed to penetrate barriers. Primarily used to dislodge barricaded subjects, it can also be used for area denial. Primarily used by tactical teams, it is designed to penetrate barriers, such as windows, hollow core doors, wallboard and thin plywood. Upon impact the nose ruptures and instantaneously delivers the agent payload inside a structure or vehicle.
Quantity: 100 Previously approved for 59
Cost: \$27.85
- vii. DEFENSE TECHNOLOGY, 40MM AERIAL WARNING/SIGNALING MUNITION WITH OC, 100 METERS WITH PAYLOAD, #6029OC: The 40 mm Warning/Signaling Muniton will produce 170 dB of sound and 5 million candelas of light. This munition has an operational range of 100 meters. Launched from a 40 mm platform, this munition gives the operator the ability to engage people, vehicles or vessels from a safe stand-off position. In open waters, the flash and sound are easily observable at great distances.
Quantity: 10
Cost: \$45.60
- viii. DEFENSE TECHNOLOGY, MUZZLE BLAST 40MM ROUND, CS, #6042: The 40 mm Muzzle Blast CS Round is widely used as a crowd management tool for the immediate and close deployment. It can also be employed in tactical operations such as barricaded subjects, room clearing, area denial, and for small space contamination, and a means of contaminating crawl spaces and attics. As a pain compliance round it is an excellent device for deploying chemical-laden CS powder at close ranges for indoor or outdoor operations. The cloud of agent is very effective

in filling holes in dispersals lines or engaging crowds at close distances.

Quantity: 79

Cost: \$26.75

- ix. DEFENSE TECHNOLOGY, MULTIPLE RUBBER BATON ROUND 40MM, #6064: The 40 mm Multiple Rubber Baton Round is most widely used as a crowd management tool by Law Enforcement and Corrections. The round contains three rubber projectiles. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37 mm black powder counterpart. It is suitable for administering a means of pain compliance over a greater distance than most of its counterparts. Used for routing crowds or groups that are mildly resistive.

Quantity: 340

Cost: \$28.10

~~x. DEFENSE TECHNOLOGY, STINGER 40MM 60-CALIBER RUBBER BALLS~~

~~ROUND, #6097: The Stinger 40 mm 60-Caliber Round is most widely used as a crowd management tool by Law Enforcement and Corrections. The round contains approximately eighteen 60-Caliber rubber balls. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37 mm counterpart. It is suitable for administering a means of pain compliance over a greater distance than its 32-Caliber Stinger® counterpart. Used for routing crowds or groups that are mildly resistive.~~

~~Quantity: 300~~

~~Cost: \$30.30~~

- xi. DEFENSE TECHNOLOGY, MULTIPLE FOAM BATON ROUND 40MM, #6099: The 40mm Foam Baton incorporates a 4.8-inch casing that contains three (3) foam projectiles. The 40mm utilizes smokeless powder and therefore has more consistent velocities and tighter projectile spreads than its black powder counterpart. The 40mm Foam Baton Round is most widely used as a pain compliance option by Law Enforcement and Corrections where stand-off distances are limited, such as may be the case in indoor operations. It has also proven successful in numerous instances as a dynamic energy single subject round in close range encounters.

Quantity: 93

Cost: \$28.10

- xi. DEFENSE TECHNOLOGY, MULTIPLE WOOD BATON ROUND 40MM, #6098: The 40 mm Multiple Wood Baton Round is most widely used as a crowd management tool by Law Enforcement and Corrections. The round contains three wooden projectiles. It utilizes smokeless powder as the propellant and has more consistent velocities and tighter patterns compared to its 37 mm black powder counterpart. It is suitable for administering a means of pain compliance over a greater distance than most of its counterparts. Used for routing crowds or groups that is mildly resistive.

Quantity: 70

Cost: \$27.05

~~xii. DEFENSE TECHNOLOGY, DIRECT IMPACT 40MM OC CRUSHABLE FOAM~~

~~ROUND, #6320: The 40mm Direct Impact munition is a point-of-aim, point-of-impact direct fire round. An excellent solution whether you need to incapacitate a single-~~

subject or control a crowd. When loaded with OC powder, the Direct Impact combines blunt trauma with the effects of an irritant powder, maximizing the potential for incapacitation.

Quantity: 194

Cost: \$30.50

- xii. DEFENSE TECHNOLOGY, EXACT IMPACT 40MM STANDARD RANGE SPONGE ROUND, #6325: The eXact iMpacT 40 mm Sponge Round is a point-of-aim, point-of-impact direct-fire round. This lightweight, high-speed projectile consisting of a plastic body and sponge nose that is spin stabilized via the incorporated rifling collar and the 40 mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant, and, therefore, have velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications.

Quantity: 1000 Previously approved for 557

Cost: \$28.65

- ~~xiii. DEFENSE TECHNOLOGY, DIRECT IMPACT 40MM INERT CRUSHABLE FOAM ROUND, #6323: The 40mm Direct Impact munition is a point of aim, point of impact direct fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. The black nosed inert munition is a great option for training.~~

~~Quantity: 118~~

~~Cost: \$28.10~~

- ~~xv. DEFENSE TECHNOLOGY, EXACT IMPACT 40MM EXTENDED RANGE SPONGE ROUND, #6325LE: The eXact iMpacT 40 mm Sponge Round is a point of aim, point of impact direct fire round. This lightweight, high speed projectile consisting of a plastic body and sponge nose that is spin stabilized via the incorporated rifling collar and the 40 mm launcher's rifled barrel. The round utilizes smokeless powder as the propellant, and, therefore, have velocities that are extremely consistent. Used for Crowd Control, Patrol, and Tactical Applications. This round has an extended range over the standard round.~~

~~Quantity: 64~~

~~Cost: \$30.80~~

- ~~xvi. DEFENSE TECHNOLOGY, DIRECT IMPACT 40MM MARKING CRUSHABLE FOAM Round, #6326: The 40mm Direct Impact munition is a point of aim, point of impact direct fire round. An excellent solution whether you need to incapacitate a single subject or control a crowd. When loaded with a green marking agent, the Direct Impact can be used to indicate the aggressor in a crowd or riot situation to the team on the ground.~~

~~Quantity: 55~~

~~Cost: \$30.30~~

- ~~xix. COMBINED TACTICAL SYSTEMS, 40MM .30 CAL STING BALLS, SMOKELESS, 4.8" LONG, #4553: Sting balls projectile delivering a blunt trauma effect.~~

~~Quantity: 60~~

~~Cost: \$29.65~~

~~xx. COMBINED TACTICAL SYSTEMS, 40MM SPONGE, SMOKELESS, SPIN STABILIZED, 4" LONG, #4557: a spin-stabilized sponge projectile delivering a blunt-trauma effect.~~

~~Quantity: 118~~

~~Cost: \$26.65~~

~~xxi. COMBINED TACTICAL SYSTEMS, 40MM .60 CAL STING BALLS, SMOKELESS, 4.8" LONG #4558: 40MM crowd dispersal cartridge containing a payload of .60-caliber stinging pellets. To be fired below the beltline at an approaching non-compliant individual or crowd.~~

~~Quantity: 60~~

~~Cost: \$28.25~~

b. Purpose and Authorized Use

To deescalate conflict. Situations for use of the less lethal weapon system may include, but are not limited to:

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

Agency members are authorized to use them during the performance of their duties to protect life and property.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

5 years

d. Fiscal Impact

No annual maintenance

e. Training

Agency members utilizing chemical agents are trained by POST less lethal instructors in a POST approved course.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 1.05 – Use of Force
- ii. G.O. 1.21 – Less Lethal Weapons System
- iii. RTC P&P 9.02 – Safety Policy – Chemical Agents
- iv. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
- v. SRU P&P 5.03 – Equipment Issuance, Inventory and Accountability
- vi. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

15. FN 303 Less Lethal Launcher and Projectiles – Category 14

a. Description/Capabilities, Quantity, and Cost

- i. FN 303 LESS LETHAL LAUNCHER: A less lethal launcher that uses compressed air to fire .68 caliber projectiles. It is designed to cause blunt trauma without causing critical injuries.
Quantity: 25
Cost: \$1,500
- ii. FN 303 PROJECTILES: Completely dedicated to reducing lethality, the basis of the FN 303 concept lies in its unique projectiles. These .68 caliber, 8.5-gram projectiles utilize a fin-stabilized polystyrene body and a non-toxic bismuth forward payload to provide more accuracy and greater effective range than other less lethal systems. The primary effect of the projectile is trauma, which directly neutralizes the aggressor.
 1. WASHABLE PAINT (VARIOUS COLORS): This projectile is intended for training and for marking suspects and objects with a washable colorant.
Quantity: 6,000
Cost: \$2.09 per round
 2. PAVA/OC: This projectile is intended as an irritant for individual suspects, point-specific targets, or small-area denial. The active ingredient is 0.5% PAVA/OC in a powder form for ease of storage, deployment, and clean-up.
Quantity: 1,200
Cost: \$3.50 per round
 3. CLEAR: This projectile is intended for training, point-specific impact, or suspect distraction.
Quantity: 1,200
Cost: \$2.09 per round
 4. INDELIBLE PAINT: This projectile is intended for marking suspects and objects with an indelible colorant for later identification, arrest or questioning.
Quantity: 2,000
Cost: \$2.15 per round

b. Purpose and Authorized Use

To deescalate conflict. Situations for use of the less lethal weapon system may include, but are not limited to:

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

Agency members are authorized to use them during the performance of their duties to protect life and property.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

FN 303 Less Lethal Launcher – Indefinite
FN 303 Projectiles – 5 years from manufacturing date

d. Fiscal Impact

Estimated annual maintenance cost is \$400 for miscellaneous parts

e. Training

Agency members utilizing chemical agents are trained by POST less lethal instructors in a POST approved course.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 1.05 – Use of Force
- ii. G.O. 1.21 – Less Lethal Weapons System
- iii. D&C P&P 8.23 – Santa Rita Jail-Control of Firearms, Weapons, Ammunition and Armory
- iv. RTC P&P 9.02 – Safety Policy-Chemical Agents
- v. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
- vi. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

16. Launching Cup – Category 14

a. Description/Capabilities, Quantity, and Cost

A 12-gauge gas launching cup that allows less lethal munitions to be launched from a 12-gauge shotgun when attached.

Quantity: 1

Cost: \$200

b. Purpose and Authorized Use

Used during barricaded situations and search warrants, at the discretion of the on-scene Incident Commander.

PC 13652 shall be followed, which describes the prohibited uses of kinetic energy projectiles and chemical agents during crowd management events.

c. Expected Life Span

Indefinite

d. Fiscal Impact

Estimated annual maintenance cost is \$200 for miscellaneous parts

e. Training

Users are certified in the use of the shotguns and certified in the deployment of chemical agents.

f. Legal and Procedural Rules that Govern Each Authorized Use

- i. G.O. 1.05 – Use of Force
- ii. G.O. 1.21 – Less Lethal Weapons System
- iii. SRU P&P 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents
- iv. RTC P&P 9.02 – Safety Policy-Chemical Agents
- v. PC 13652 – Kinetic Energy Projectiles and Chemical Agents Use Limitations

**Unless otherwise indicated, all above costs are per item



GENERAL ORDER:	2.21.02
CHAPTER:	Organization, Management, and Administration
SUBJECT:	Military Equipment, Funding, Acquisition, and Use (AB 481)
ISSUED DATE:	September 23, 2022
REVISION DATE:	March 8, 2023
NOTES:	P&R Lieutenant now the Military Equipment Coordinator
RELATED ORDERS:	General Orders: 1.05 , 1.08 , 1.21 , 2.21.01 , 2.29 , 2.45 , 3.07.01 , 3.07.02 , 6.15 , 6.16 SRU P&Ps: 3.03 , 3.04 OES P&P 4.01 CA Gov't Code Sections: 7070 , 7071 , 7072 Penal Code Sections: 835a , 13652 , 30510 , 30515
ATTACHMENTS:	1. ACSO Military Equipment Inventory 2. Military Equipment Request Form

PURPOSE: To establish guidelines and procedures for the acquisition, funding, use, and reporting of “military equipment,” as the term is defined in California Government Code 7070. This General Order (G.O.) is provided to fulfill the requirements as set forth in [Assembly Bill 481 \(2021\)](#). These requirements include, but are not limited to, seeking approval to procure/possess/use military equipment, annual reporting, inventorying, and public complaints/concerns/questions regarding military equipment.

POLICY: The Alameda County Sheriff's Office (ACSO) may procure/possess/use “military equipment,” as defined in Government Code 7070, only within the guidelines set forth in Assembly Bill 481 (AB 481), and as described below. This order does not apply to military equipment used solely for training or promotional/advertisement purposes.

DEFINITIONS:

[CALIFORNIA PENAL CODE \(PC\) SECTION 13652](#) (AB 48)

1. Pursuant to PC 13652(a), except as otherwise provided in PC 13652(b), kinetic energy projectiles and chemical agents shall not be used by any law enforcement agency to disperse any assembly, protest, or demonstration.
2. PC 13652(b): Kinetic energy projectiles and chemical agents shall only be deployed by a peace officer that has received training on their proper use by Commission on Police Officer Standards and Training (POST) for crowd control if the use is objectively reasonable to defend against a threat to life or Great/Serious Bodily Injury (GBI), to any individual, including any peace officer, or to bring an objectively dangerous and unlawful situation safely and effectively under control, and only in accordance with all of the following requirements:
 - (1) De-escalation techniques or other alternatives to force have been attempted, when objectively reasonable, and have failed.
 - (2) Repeated, audible announcements are made announcing the intent to use kinetic energy projectiles and chemical agents and the type to be used, when objectively

reasonable to do so. The announcements shall be made from various locations, if necessary, and delivered in multiple languages, if appropriate.

- (3) Persons are given an objectively reasonable opportunity to disperse and leave the scene.
- (4) An objectively reasonable effort has been made to identify persons engaged in violent acts and those who are not, and kinetic energy projectiles or chemical agents are targeted toward those individuals engaged in violent acts. Projectiles shall not be aimed indiscriminately into a crowd or group of persons.
- (5) Kinetic energy projectiles and chemical agents are used only with the frequency, intensity, and in a manner that is proportional to the threat and objectively reasonable.
- (6) Officers shall minimize the possible incidental impact of their use of kinetic energy projectiles and chemical agents on bystanders, medical personnel, journalists, or other unintended targets.
- (7) An objectively reasonable effort has been made to extract individuals in distress.
- (8) Medical assistance is promptly provided, if properly trained personnel are present, or procured, for injured persons, when it is reasonable and safe to do so.
- (9) Kinetic energy projectiles shall not be aimed at the head, neck, or any other vital organs.
- (10) Kinetic energy projectiles or chemical agents shall not be used by any law enforcement agency solely due to any of the following:
 - (a) A violation of an imposed curfew
 - (b) A verbal threat
 - (c) Noncompliance with a law enforcement directive
- (11) If the chemical agent to be deployed is tear gas, only a commanding officer at the scene of the assembly, protest, or demonstration may authorize the use of tear gas.

GOVERNING BODY

The elected body that oversees a law enforcement agency. For the ACSO, the governing body is the Alameda County Board of Supervisors (BOS).

MILITARY EQUIPMENT

Pursuant to California [Government Code \(G.C.\) section 7070, subsections \(c\)\(1\) through \(c\)\(16\)](#), and for purposes of this G.O., military equipment includes any of the following:

1. Unmanned, remotely piloted, powered aerial or ground vehicles.
2. Mine-Resistant Ambush-Protected (MRAP) vehicles or other armored personnel carriers.
Law enforcement versions of standard consumer vehicles are specifically excluded from this subdivision.
3. High Mobility Multipurpose Wheeled Vehicles (HMMWV) "Humvees," two and one-half ton trucks, five-ton trucks, or wheeled vehicles that have a breaching or entry apparatus attached.

Un-armored all-terrain vehicles (ATV's) and motorized dirt bikes are specifically excluded from this subdivision

4. Tracked armored vehicles that provide ballistic protection to the occupants and utilize a tracked system instead of wheels for forward motion.
5. Command and control vehicles that are either built or modified to facilitate the operation control and direction of public safety units.

As described above, supervisor patrol vehicles based on standard consumer vehicles equipped as mobile command posts do not fall under this subdivision.

6. Weaponized aircraft, vessels, or vehicles of any kind.
7. Battering rams, slugs, and breaching apparatuses that are explosive in nature.

Items designed to remove a lock, such as bolt cutters, or a handheld ram designed to be operated by one person, are specifically excluded from this subdivision.

8. Firearms of .50 caliber or greater.

Standard issue shotguns are specifically excluded from this subdivision.

9. Ammunition of .50 caliber or greater.

Standard issue shotgun ammunition is specifically excluded from this subdivision.

10. Specialized firearms and ammunition of less than .50 caliber, including assault weapons as defined in PC sections [30510](#) and [30515](#).

The exception to this subdivision is any weapon that is a standard issue service weapon and any appropriate ammunition for said weapon that are issued to sworn ACSO members.

11. Any firearm, or firearm accessory designed to launch explosive projectiles.

12. Light and sound distraction devices and explosive breaching tools, "tear gas," or "pepper balls"

Standard issued Oleoresin Capsicum Spray (OC/pepper spray) is excluded from this subdivision.

13. Taser Shockwave, microwave weapons, water cannons, and any Long-Range Acoustic Devices (LRAD).

14. The following projectile launch platforms and their associated munitions: 40mm projectile launchers, "bean bag," rubber bullet, and specialty impact munition (SIM) weapons.

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

16. Notwithstanding paragraphs (1) through (15), military equipment does not include general equipment not designated as prohibited or controlled by the [Federal Defense Logistics Agency](#).

ACSO MILITARY EQUIPMENT INVENTORY (Military Equipment Compliance List)

A detailed list of the military equipment requested/procured/used by the ACSO and its status of approval. The **ACSO Military Equipment Inventory** will be updated as changes are made, dated accordingly, and attached to this order.

MILITARY EQUIPMENT COORDINATOR

This title will be held by the **Planning & Research/Accreditation Lieutenant**.

MILITARY EQUIPMENT REQUEST FORM

An internal form used by Agency members to detail the requested military equipment item they wish to procure. This completed form shall be approved by the responsible Division Commander of the unit requesting the new item and provided to the Military Equipment Coordinator. The Military Equipment Request Form includes all the information necessary to comply with the requirements of AB 481.

TYPE

Each item that shares the same manufacturer model number.

ORDER: The Military Equipment Funding, Acquisition, and Use G.O. approval, requests, and annual report process will be accomplished under the direction of the Management Services Division Commander and the responsibility of the Military Equipment Coordinator. All processes will be within the parameters set forth in AB 481.

A. Approval Required: The ACSO shall obtain the approval of the BOS in a regular meeting of the BOS prior to engaging in any of the following:

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

The ACSO has authority to apply for funding prior to obtaining BOS approval in the case of exigent circumstances. The ACSO shall obtain BOS approval as soon as practical

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 BOS
5. Using any new or existing military equipment for a purpose, in a manner, or by a person not previously approved by the BOS pursuant to this Order
6. 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
7. Acquiring military equipment through any means not provided in above sections 1-6. This includes acquiring military equipment through the various government surplus property programs ([refer to G.O. 2.21.01](#))
8. The approval process will be implemented for all military equipment obtained on or after January 01, 2022. No later than May 1, 2022, the ACSO shall commence a governing

body approval process in accordance with this section, if ACSO seeks to continue the use of any military equipment that was acquired prior to January 01, 2022. If the BOS does not approve the continued use of a type of military equipment, the ACSO must not use the equipment beyond 180 days following the BOS decision, absent a later approval

9. All military equipment authorized for use by the BOS may be used by any ACSO member properly qualified and trained in its usage

B. The process for requesting a new military equipment item is as follows:

- 1. The member requesting the new military equipment item will complete a Military Equipment Request Form, completing all applicable sections and obtaining the approval of their Division Commander.**
- 2. The completed Military Equipment Request Form will be submitted to the Military Equipment Coordinator.**
- 3. The Military Equipment Coordinator will add the requested item to the ACSO Military Equipment Inventory, noting the changes.**
- 4. The Military Equipment Coordinator will ensure the amended ACSO Military Equipment Inventory is uploaded to the Agency website at least 30 days prior to presenting it to the BOS.**
- 5. The Military Equipment Coordinator will arrange to have the revised ACSO Military Equipment Inventory reviewed by the BOS for approval, in a regular BOS meeting.**
- 6. Once the amended ACSO Military Equipment Inventory is approved/denied, the Military Equipment Coordinator will notify the Agency member who requested the item and the approving Division Commander of the BOS's decision.**
- 7. When applicable, the new ACSO Military Equipment Inventory will be uploaded to PowerDMS by Planning & Research.**

- C. In seeking the approval from the BOS, the ACSO shall submit a proposed Military Equipment Use G.O. to the BOS and make those documents available on the ACSO's website at least 30 days prior to any public hearing concerning the military equipment at issue.

Any proposed or final Military Equipment Use G.O. shall be made publicly available on the ACSO's website for as long as the military equipment is available for use.

- D. The ACSO will provide the BOS with a detailed list of military equipment during the approval/requesting process (use attached Military Equipment Request form), including:
1. A description of each type of military equipment, the quantity sought, its capabilities, expected lifespan, and product description from the manufacture
 2. The purposes and authorized uses for which the ACSO proposes to use each piece of military equipment
 3. The fiscal impact for each piece of military equipment, including the initial cost of obtaining the military equipment and the estimated annual cost for use and maintenance of the equipment
 4. The legal and procedural rules that govern each authorized use

5. Required training for the use of each piece of military equipment, including any course required by POST that must be completed prior to any piece of military equipment being used
6. The mechanisms to ensure compliance with this order, including which independent persons or entities have oversight authority, and, if applicable, what legally enforceable sanctions are put in place for violations of this order

Until a defined independent oversight entity is established, the BOS will be responsible for having oversight of the ACSO's use of military equipment and ensure compliance with this order.

7. The procedures by which members of the public may register complaints or concerns or submit questions about the use of each specific type of military equipment, and how the law enforcement agency will ensure that each complaint, concern, or question receives a response in a timely manner. (See section IV.F.4 and 5)
- E. Annual Reporting: The ACSO shall submit an Annual Military Equipment Report to the BOS for each type of military equipment approved by the BOS. This annual report shall be the responsibility of the Military Equipment Coordinator and shall be submitted within one calendar year of the previous Annual Military Equipment Report.
1. The Annual Military Equipment Report shall be publicly available on the ACSO website for as long as the military equipment is available for use.
 2. The Annual Military Equipment Report shall, at minimum, include the following information for the immediately preceding calendar year for each type of military equipment:
 - a. A summary of how the military equipment was used and the purpose of its use
 - b. A summary of any complaints or concerns received concerning the military equipment
 - c. The results of any internal audits, any information about violations of the Military Equipment Use G.O., 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 ACSO intends to acquire additional military equipment in the next year, the quantity sought for each type of military equipment
 3. Within 30 days of submitting and publicly releasing an Annual Military Equipment Report, the ACSO shall hold at least one well-publicized and conveniently located community engagement meeting, at which the general public may discuss and ask questions regarding the Annual Military Equipment Report and the ACSO's funding, acquisition, possession, or use of military equipment.
- F. If the BOS does not approve the continuing use of military equipment, within 180 days of submission of the military equipment request to the BOS, the ACSO shall cease its use of

the military equipment no later than the 180th day, until it receives the approval of the BOS in accordance with this order.

G. Compliance:

1. Any ACSO member who uses any piece of military equipment shall do so for official law enforcement purposes only, in compliance with all ACSO written directives and State and Federal laws, and in a manner that respects the privacy of our community. The ACSO written directives governing the use and training of military equipment include, but are not limited to:
 - a. [G.O. 1.05 – Use of Force](#)
 - b. [G.O. 1.08 – Annual Weapons Proficiency Training and Re-Qualification](#)
 - c. [G.O. 1.21 – Less Lethal Weapons Systems](#)
 - d. [G.O. 2.45 – AR-15 Semi-Automatic Rifle Deployment](#)
 - e. [G.O. 5.07 – Special Operations Group](#)
 - f. [G.O. 5.30 – Operation of Agency Emergency Vehicles](#)
 - g. [G.O. 6.15 – Small Unmanned Aircraft System \(sUAS\)](#)
 - h. [G.O. 6.16 – Special Purpose Vehicles and Animals](#)
 - i. [OES P&P 4.01 – Mobile Command Center](#)
 - j. [Special Response Unit \(SRU\) Policy & Procedure \(P&P\) 3.02 – Specialized Weapons, Equipment, Munitions and Chemical Agents](#)
 - k. [SRU P&P 3.03 – Tactical Response Vehicles](#)
 - l. [SRU P&P 3.04 – Long Range Acoustical Device \(LRAD\)](#)
 - m. [POST SWAT Guidelines](#) (recommendations, not mandates)
 - n. [National Tactical Officers Association Tactical Response and Operations Standard for Law Enforcement Agencies](#) (recommendations, not mandates)
 - o. [FAA Regulation 14 CFR Part 107 – sUAS Operations](#)
 - p. [ACSO sUAS Operations Manual](#)
 - q. The ACSO will comply with [Assembly Bill 48](#) and [PC 13652](#) when responding to assemblies, protests, demonstrations, or any other crowd management situations.
 - r. [PC 835a – Objectively Reasonable Force to Effect Arrest; Use of Deadly Force](#)
2. ACSO members who violate this general order will be subject to progressive discipline as set forth in [G.O. 3.07.01 – Commendations and Discipline](#) and [G.O. 3.07.02 – Internal Affairs Complaints and Investigations](#). All instances of non-compliance will be reported to the BOS via the Annual Military Equipment Report.
3. The responsibilities of the Military Equipment Coordinator, or their designee, include, but are not limited to:
 - a. Acting as a liaison to the BOS for matters related to the requirements of this Order

- b. Identifying equipment that qualifies as military equipment the ACSO intends to acquire that requires approval by the BOS
 - c. Conducting an inventory of all military equipment, at least annually and submitting the Annual Military Equipment Report, as documented in section **E.** of this order and in accordance with [G.C. 7072](#)
 - d. Collaborating with any allied agency that may use military equipment within the jurisdiction of the ACSO ([G.C. 7071](#))
 - e. Preparing for, scheduling, and coordinating the annual community engagement meeting (G.C. 7072(b)), to include:
 - i. Publicizing the details of the meeting
 - ii. Preparing for public questions regarding the ACSO's funding, acquisition, and use of the military equipment
 - f. Monitoring the acso.mil-equip@acgov.org email address and ensuring timely responses.
4. Any member of the public can register a question or concern regarding the ACSO's use of military equipment by emailing acso-mil-equip@acgov.org. This email address will be monitored by the Military Equipment Coordinator, or their designee. A response to the question or concern shall be completed by the ACSO in a timely manner. This email address is intended only for questions/concerns regarding the ACSO's use of military equipment. For all other ACSO questions/concerns, the public should refer to the ACSO's website at www.alamedacountysheriff.org.
 5. Any member of the public can submit a complaint, in accordance with [G.O. 3.07.02](#), by visiting the citizen complaint page on the ACSO's website at www.alamedacountysheriff.org/community/citizen-complaint.
 6. Coordination with Other Jurisdictions: Military equipment should not be used by any other law enforcement agency or ACSO member unless the military equipment is approved for use in accordance with this order.
- H. Maintenance/Inventory of Military Equipment Supply Levels: When stocks of approved military equipment have reached critically low levels, or have been exhausted, the ACSO may order up to the previously authorized capacity without BOS approval to maintain essential availability for ACSO needs.

Unit Commanders are responsible for maintaining a current inventory of all approved military equipment within their unit, pursuant to [G.O. 2.29 – Fiscal Management](#).