

EL MONTE POLICE DEPARTMENT
2024 ANNUAL REPORT ON MILITARY EQUIPMENT (AB 481)



October 1, 2024

OVERVIEW

On September 30, 2021, Governor Gavin Newsom signed into law Assembly Bill 481 ("AB 481"), relating to the use of "military equipment" by law enforcement agencies in California. AB 481 seeks to provide transparency, oversight, and an opportunity for meaningful public input on decisions regarding whether and how military equipment is funded, acquired, and used by law enforcement agencies.

On July 19, 2022, the City Council adopted Ordinance No. 3015 approving a Military Equipment Use Policy pursuant to AB 481. In accordance with State legislation and El Monte Police Policy (706), any purchase of items meeting the definition of "military equipment" as defined in AB 481, must be approved by the City Council and an annual report must be submitted to the City Council for each type of military equipment approved within one year of approval, and annually thereafter for as long as the military equipment is available for use.

AB 481 also requires law enforcement agencies to submit to the City Council an Annual Military Equipment Report on the use of the equipment, including:

- (1) A summary of how the military equipment was used and the purpose of its use.
- (2) A summary of any complaints or concerns received concerning the military equipment.
- (3) The results of any internal audits, any information about violations of the military equipment use policy, and any actions taken in response.
- (4) 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.
- (5) The quantity possessed for each type of military equipment.
- (6) If the law enforcement agency intends to acquire additional military equipment in the next year, the quantity sought for each type of military equipment.

In addition, within 30 days of submitting and publicly releasing the Report, a well-publicized and community engagement meeting must be held to allow for public comments.

DISCUSSION

The members of the El Monte Police Department regularly train on/with the items listed in the Equipment Inventory to maintain proficiency and compliance with industry standards and regulations. To meet the requirements of the Annual Report pursuant to AB 481, an inventory was conducted of the Police Department's military equipment. The items listed below were used in SWAT and Patrol deployments, in addition to training, or incurred notable operational costs.

Military Equipment Use, Amount of Usage, and Annual Cost

Item	Type of Use	Number of Deployments	Annual Cost
Lenco BearCat	SWAT Use Patrol Use, Public Demo	42	\$1500 routine maintenance
Mobile Command Post	Traffic Safety Use	5	\$1000 new tires & maintenance
Ford Transit Van	SWAT Use	69	\$1000 routine maintenance
GMC Top Kick Truck	SWAT Use	60	\$1000 routine maintenance
UAS Drones	Patrol Use SWAT Use	146	See new purchase information.
CTS Flashbang Grenade	SWAT Use	24	\$45 each
37mm CS Gas Grenade	SWAT Use	6	\$36 each
CS Hot Gas Grenade	SWAT Use	2	\$38 each
12-gauge Bean Bag shotgun	Patrol Use	2	\$0
12-guage Bean Bag munitions	Training	92	\$2440 purchase of additional rounds.
Pepper Ball Launcher	SWAT Use Patrol Use	2	\$0
Pepper Ball munitions	SWAT Use Patrol Use	20	Approx. \$2.50 each
Penn Arms 40mm Launcher	Patrol Use	1	\$0

Internal Audit

Staff reviewed Department records and determined there were no complaints or concerns reported on the use of this equipment since the 2023 report.

The Department conducted an internal audit and determined that there were no violations of the Military Equipment Use Policy (706).

Annual Military Equipment Purchases

UNMANNED, REMOTELY PILOTED, POWERED AERIAL OR GROUND VEHICLE (CATEGORY 1)

1. Unmanned Aircraft Systems (UAS)– 29

- a) Description and Capabilities: Unmanned Aircraft Systems (UAS) are remotely piloted aircraft used for surveillance. Various UAS are designed with for use in different search conditions. The police department employs a wide range of UAS depending on the environment (interior vs. exterior, high wind, low light, etc.) and mission objectives (ie. surveillance, tactical).
 - i. Autel EVO Max 4T (9) \$8,999 each.
 - ii. DJI Mavic 3 – Thermal (9) \$5748 each
 - iii. DJI Matrice 30T (2) \$9637 each
 - iv. DJI Matrice 350 (1) \$12,149 each
 - v. DJI Zenmuse H2ON (1) \$9,239
 - vi. DJI Avata Pro View w/goggles (4) \$1,388 each
 - vii. DJI Mini Pro Fly More Combo Plus (2) \$1,159 each
 - viii. Brinc Lemur 2 (2) \$19,999 each.
- b) Purpose: Allows police officers to safely gather crucial information of a search area and any potential immediate threats before initiating a search. Aerial drones may be used to locate lost/missing persons and dangerous suspects, depict crime scenes and collision investigations, and assist in disaster management.
- c) Authorized Use: Only operators who possess the required license(s) and have completed the training on UAS are permitted to use the drones during a live operation. These drones will be used solely for law enforcement purposes.
- d) Expected Lifespan: 5-10 years.
- e) Fiscal Impact: A significant investment was made in the department's UAS systems over the last year. Various funding sources were used to purchase the UAS systems, support hardware, computer software, and professional service agreements - \$684,383.
- f) Training: Prior to piloting any UAS/Drone, staff members must secure an FAA Remote Pilot License and complete all training required by our FAA COA.
- g) Legal and Procedural Rules: Any use of an aerial drone will be in strict accordance with constitutional and privacy rights and Federal Aviation Administration (FAA) regulations. The use of the UAS potentially involves privacy considerations. Absent a warrant or exigent circumstances, operators and observers shall adhere to FAA altitude regulations and shall not intentionally record or transmit images of any location where a person would have a reasonable expectation of privacy.

ARMORED PERSONNEL CARRIERS (CATEGORY 2)

1. 2024 Lenco BearCat G3 Armored Response Vehicle (ARV) – 1*
 - a) Description and Capabilities: Ford F550, 4WD, diesel chassis. The vehicle is painted black with police logos. It provides ballistic protection for its occupants. It is equipped with emergency lights/siren and a public address system. This new ARV will include an integrated camera system and fully enclosed, ballistic turret for additional protection.
 - b) Purpose: The ARV is designed to provide ballistic protection during tactical events. BearCat's primary use being to transport tactical officers to and from hostile situations, rescues, and to assist with the evacuation and protection of civilians in harm's way during high-risk situations.
 - c) Authorized Use: Only operators who have the required license(s) and have demonstrated the ability to safely operate the vehicle shall drive the vehicle. The ARV will only be used for law enforcement purposes.
 - d) Expected Lifespan: 20 years
 - e) Fiscal Impact: Initial purchase cost \$451,996.60
 - f) Training: This ARV may be used by personnel who have been properly trained in the safe handling and care of the vehicle.
 - g) Legal and Procedural Rules: The driver of this vehicle shall possess a valid California driver's license and adhere to California state law regarding its operation.
(* delivery anticipated in late 2025)

COMMAND AND CONTROL VEHICLES (CATEGORY 5)

1. 2023 Ford E350 Transit Van – 1*
 - a) Description and Capabilities: Painted black and outfitted with emergency lights/siren and communications. This one-ton diesel van will serve as a mobile command center for UAS (drone) operations. The inside of the van has been outfitted with electrical, audio, video and HVAC systems to support UAS missions.
 - b) Purpose: Used to transport personnel and to serve as a mobile command center for UAS (drone) operations.
 - c) Authorized Use: Only operators who have the required license(s) and have demonstrated the ability to safely operate the vehicle shall drive the vehicle.
 - d) Expected Lifespan: 20 years.
 - e) Fiscal Impact: Initial purchase cost, \$249,413.
 - f) Training: This van may be used by personnel who have been properly trained in the safe handling of the vehicle
 - g) Legal and Procedural Rules: The driver of this vehicle shall possess a valid California driver's license and adhere to California state law regarding its operation.
(*anticipated delivery, February 2025)

SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER (CATEGORY 9)

1. Federal Premium .223 Rem. ammunition (62 grain) – 50,000
 - a) Description and Capabilities: Boat-tail, full metal jacket duty ammunition for use with Sig Sauer MCX and AR-15/M4 style rifles.
 - b) Purpose: Cartridge ammunition deployed during potentially lethal situations is designed to stop violent suspects. This ammunition is capable of shooting through soft body armor and barriers and to provide better precision from longer distance.
 - c) Authorized Use: Ammunition designed for use with the Sig Sauer MCX and Colt AR-15/M4 style rifles. Authorized users must successfully complete a CA POST Rifle course and recurring department qualifications.
 - d) Expected Lifespan: Until used.
 - e) Fiscal Impact: New purchase \$11,605.
 - f) Training: Authorized users must successfully complete a CA POST certified Patrol Rifle course as well as regular department firearms training and qualifications as required by policy.
 - g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force.

2. Winchester, "USA White Box" 5.56 ammunition (55 grain) – 63,000
 - a) Description and Capabilities: Boat-tail, full metal jacket training ammunition for use with Sig Sauer MCX and AR-15/M4 style rifles.
 - b) Purpose: Cartridge ammunition used for training.
 - c) Authorized Use: Ammunition designed for use with the Sig Sauer MCX and Colt AR-15/M4 style rifle. This ammunition is typically used by sworn personnel during rifle training and regular rifle qualifications.
 - d) Expected Lifespan: Until used.
 - e) Fiscal Impact: Initial purchase cost, \$28,602.
 - f) Training: This ammunition is used to complete the CA POST certified Patrol Rifle course as well as regular department firearms training and qualifications as required by policy.
 - g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force.

2. Federal Premium .308 caliber Tactical Bonded Tip ammunition (168 grain) – 23,000.
 - a) Description and Capabilities: Bonded tip precision ammunition for use with either the Tactical Operations Tango or Falkor Defense Alpha rifles.
 - b) Purpose: Cartridge ammunition made exclusively for law enforcement, designed to defeat barriers with minimum deflection and fragmentation. This ammunition, deployed during potentially lethal situations, is designed to stop violent suspects. Used only by members of our SWAT team's sniper element, it provides better precision from longer distance.
 - c) Authorized Use: Ammunition designed for use with the Tactical Operations Delta 51 and Falkor Defense Alpha sniper rifles. Authorized users must successfully complete a CA POST sniper course and recurring department qualifications.
 - d) Expected Lifespan: Until used.
 - e) Fiscal Impact: Initial purchase cost, approximately \$7128.
 - f) Training: Authorized users must successfully complete a CA POST certified Sniper course as well as regular department firearms training and qualifications as required by policy.

- g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force.

PROJECTILE LAUNCH PLATFORMS AND THEIR ASSOCIATED MUNITIONS. (40MM PROJECTILES, 'BEAN BAG', RUBBER BULLETS AND SPECIALTY IMPACT MUNITIONS (SIM) (CATEGORY 14)

1. FN 303 launcher – 7

- a) Description and Capabilities: System that uses high pressure air (CO2) to deliver .68" diameter projectiles (including PAVA, marking paint and impact). The system is capable of launching projectiles up to 60'. The semi-automatic launcher can hold up to 15 rounds. The various projectiles can be used to subdue and to mark suspects and objects.
- b) Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Offer law enforcement officers a less than lethal option to deliver chemical agents and kinetic energy impacts to potentially violent subjects from a distance, lessening the chance of a direct attack.
- c) Authorized Use: The FN 303 launchers and munitions are intended for use as a less lethal use of force option.
- d) Expected lifespan: 10-15 years.
- e) Fiscal Impact: Initial purchase cost \$10,825.01.
- f) Training: Authorized users who receive initial and recurring CA POST certified department training.
- g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force and use of chemical agents.

2. FN 303 Launcher munitions

- a) Description and Capabilities: .68mm, 8.5 gram... The various projectiles can be used to subdue and to mark suspects and objects.
- b) Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Offer law enforcement officers a less than lethal option to deliver chemical agents and kinetic energy impacts to potentially violent subjects from a distance, lessening the chance of a direct attack.
- c) Authorized Use: The FN 303 launchers and munitions are intended for use as a less lethal use of force option.
- d) Expected lifespan: 10-15 years.
- e) Fiscal Impact: Initial purchase cost, approximately \$1734.15 to purchase impact, PAVA and training munitions.
- f) Training: Authorized users who receive initial and recurring CA POST certified department training.
- g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force and use of chemical agents.

3. Defense Technologies, Exact iMPact 40mm sponge round (6325) – 700
 - a) Description and Capabilities: A less lethal 40mm lightweight plastic and foam projectile fired from a single or multi-round purpose built 40mm grenade launcher with a rifled barrel at 325 FPS. The 30-gram foam projectile delivers 120 ft/lbs. of energy on impact.
 - b) Purpose: To limit the escalation of conflict where employment of lethal force is prohibited or undesirable. Fired from a 40mm launcher, this sponge kinetic energy munition is used to impact subjects from a distance, lessening the chance of a direct attack.
 - c) Authorized Use: Munitions designed for use with the Penn Arms 40MM launchers.
 - d) Expected Lifespan: 5 years.
 - e) Fiscal Impact: Initial purchase cost, \$16,345.00
 - f) Training: Authorized users who receive initial and recurring CA POST certified department training with a 40mm launcher.
 - g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force.

4. Defense Technologies, 12-guage bean bag round – 400
 - a) Description and Capabilities: 12-guage, 2 $\frac{3}{4}$ " shell loaded with a 40-gram, tear shaped bag made from cotton and ballistic material. Filled with #9 shot, this design uses four stabilizing tails and utilizes smokeless powder as the propellant.
 - b) Purpose: Offers law enforcement officers a less than lethal option, delivering a pellet filled munition (bean bag) made of cotton and ballistic material. Kinetic energy munitions impact subjects from a distance, lessening the chance of a direct attack on officers
 - c) Authorized Use: Munitions designed for use with the Remington 12-guage bean bag shotguns.
 - d) Expected Lifespan: Until used.
 - e) Fiscal Impact: Initial purchase cost, \$2440.00.
 - f) Training: Authorized users who receive initial and recurring CA POST approved department training with a bean bag shotgun.
 - g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force.

Anticipated Military Equipment Purchases (2025)

SPECIALIZED FIREARMS AND AMMUNITION OF LESS THAN .50 CALIBER (CATEGORY 9)

1. Patrol Carbine Rifles (5.56caliber) – 130
 - a) Description and Capabilities: The carbine rifle is a lightweight, air-cooled, gas piston, magazine fed, shoulder fired weapon, designed for semi-automatic fire. This style of rifle is used by law enforcement throughout the United States. The rifle comes in various configurations weighs approximately 6 ½ pounds and has a 16” steel barrel. The overall length varies between 29 ¾” and 33”. It has a collapsible stock and has a magazine capacity of 30 rounds. The exact make and model of firearm sought is still being researched.
 - b) Purpose: This rifle is used in potentially lethal situations. It is capable of shooting through soft body armor and barriers and to provide better precision from longer distance.
 - c) Authorized Use: The carbine rifle is authorized to be carried by all trained officers regardless of assignment.
 - d) Expected Lifespan: The carbine patrol rifle does not have an expiration and will need to be serviced or replaced when it fails or breaks.
 - e) Fiscal Impact: Initial purchase cost, approximately \$1100 each.
 - f) Training: Authorized users must successfully complete a CA POST certified Rifle course as well as regular department firearms training and qualifications as required by policy.
 - g) Legal and Procedural Rules: All applicable State, Federal and Local laws governing police use of force.

The El Monte Police Department makes recurring purchases of .223, 5.56, and .308 caliber ammunition. It is anticipated these purchases will continue for both operations and training as described in The El Monte Police Department Military Equipment Inventory Category 9, items 6 through 9. The typical expenditure for these purchases is approximately \$45,000 annually.