

San Diego Police Department

San Diego Police Department
California Assembly Bill 481
Military Equipment Outline

April 17, 2023

San Diego Police Equipment

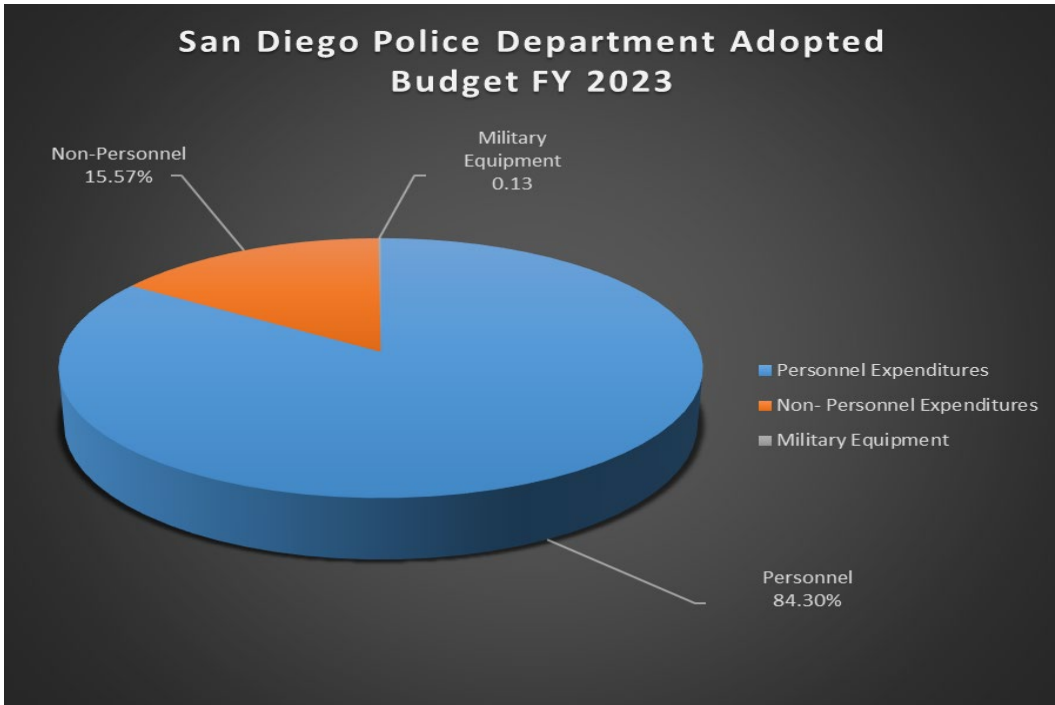
Summary / Goal of Presentation

- To seek San Diego City Council approval for continued use of military style equipment as defined in California State Assembly Bill 481.
- To outline and explain the uses for current equipment being utilized by the San Diego Police Department.
- To outline the equipment described in State Assembly Bill 481 currently utilized by the department is needed to maintain public safety and the highest quality of police service to all of our communities.
- Only .13% of the adopted FY2023 SDPD Department Budget is allocated for equipment listed Assembly Bill 481.



San Diego Police Equipment

FY2023 Budget Chart



General Fund Expenditures:

Category	FY 2023 Adopted Budget	Percentage of Annual Budget
Personnel Costs	\$500,902,237	84.3%
Non-Personnel Costs	\$93,229,060	15.57%
Military Equipment Costs (Subset of Non-Personnel Costs)	\$ 1,249,044	0.13%
TOTAL	\$ 594,131,297	100%

San Diego Police Equipment

Summary / Goal of Presentation

- To emphasize that the San Diego Police Department does not participate in the 1033 program for procuring surplus military equipment. The last piece of equipment the department received from this program was an unmanned robot that was returned in March of 2020.
- The items listed in the SDPD Annual Military Equipment Report are all manufactured by civilian companies. The acquisition and implementation of each tool stems from incidents where lives were lost, and an important equipment need was identified. The overall purpose of their use is de-escalation, stand off distance, safety and most importantly, the preservation of human life.



San Diego Police Equipment

SDPD SWAT Team

- The majority of the equipment described in AB-481 is utilized exclusively by the SDPD SWAT Team. The mission the of SDPD SWAT Team is to use training, sound tactical planning and equipment to bring a safe resolution to critical incidents.
- The SWAT Team maintains the highest level of operational readiness through the development of sound tactical strategies and innovative training programs.
- The SDPD SWAT Team is always used by the department as a de-escalation tool. Only certain specific exigent circumstances will dictate early aggressive tactical action. A vast majority of all SWAT call outs end with a peaceful resolution.



San Diego Police Equipment

SDPD SWAT Team

- Primary Response Team (PRT) Officers – 365 days a year / 24 hours a day coverage in the field. The PRT concept was adopted by the SDPD after the Crandall Street Tragedy in June of 1981. Primary Mission – Emergency citizen and officer rescues.
- Special Response Team (SRT) Officers – A minimum of a Team Leader and 6 officers on call at all times. The SRT concept was adopted by the SDPD after the McDonalds Restaurant tragedy in July of 1984. Primary Mission – Hostage Rescue and complex armed barricaded suspect response.



San Diego Police Equipment

SDPD SWAT Team

- SWAT Sniper Team – 2 Team Leaders and 16 officers (fully staffed). Highly trained officers that provide “Overwatch” protection at large events. Snipers also provide the SWAT Team a greater stand-off distance and observation capability at critical incidents.
- SWAT Snipers are assigned to large events to protect citizens against an attack like what occurred at the Las Vegas Harvest Festival in October of 2017. Primary Goal – to protect citizens against a sniper based or active shooter type attack.



San Diego Police Equipment

SDPD Mobile Command Vehicles

- SDPD Mobile Command Vehicles: Self-contained command posts designed to provide the Incident Commander a mobile base of operations.
- Mobile 1 – 40-foot Mobile Command Vehicle.
- Mobile 2 – 24-foot Mobile Command Vehicle.
- Mobile 3 – 44-foot Mobile Command Vehicle that has decontamination and prisoner processing capabilities.
- Mobile 4 – Command Vehicle with communications ability.
- ENT (Emergency Negotiations Team) Command Vehicle.
- SWAT Special Equipment Vehicle (SEV)



San Diego Police Equipment

SDPD Mobile Command Vehicles



San Diego Police Equipment

SDPD Mobile Command Vehicles



San Diego Police Equipment

Armored Rescue Vehicles

- (1) 2 door armored rescue vehicle and (1) 4 door armored rescue vehicle.
- Provides a high level of ballistic protection for a rescue team when dealing with an armed suspect.
- The Armored Rescue Vehicles are not equipped with any affixed weapons and are utilized by the SWAT Team as a defensive tool (ballistic protection during citizen/officer rescues etc.).
- The 4 Door Armored Rescue Vehicle is equipped with Bio-Chemical, Radiological and Nuclear detection equipment and a fresh-air breathing system. This allows officers safe access into a potentially hazardous environment to affect a citizen or officer rescue.



San Diego Police Equipment

Armored Rescue Vehicle 4 Door



San Diego Police Equipment

Armored Rescue Vehicle 4 Door



San Diego Police Equipment

Armored Rescue Vehicle 2 Door



San Diego Police Equipment

Unmanned Aircraft Systems (UAS)

- The UAS systems utilized by the department can assist at any incident where an aerial perspective would be beneficial.
- UAS's are only used during critical incidents and high-risk operations with authorization from the Chief of Police.
- UAS's allow SWAT Officers to obtain a view of an area without sending an officer to an uncleared/dangerous position where a robot has limited or no access.
- UAS's are only used by officers that have completed a certification course and have attended continuous training for safe operation. All of the UAS's in the SDPD inventory can be legally purchased by civilians.



San Diego Police Equipment

Unmanned Aircraft Systems (UAS)



San Diego Police Equipment

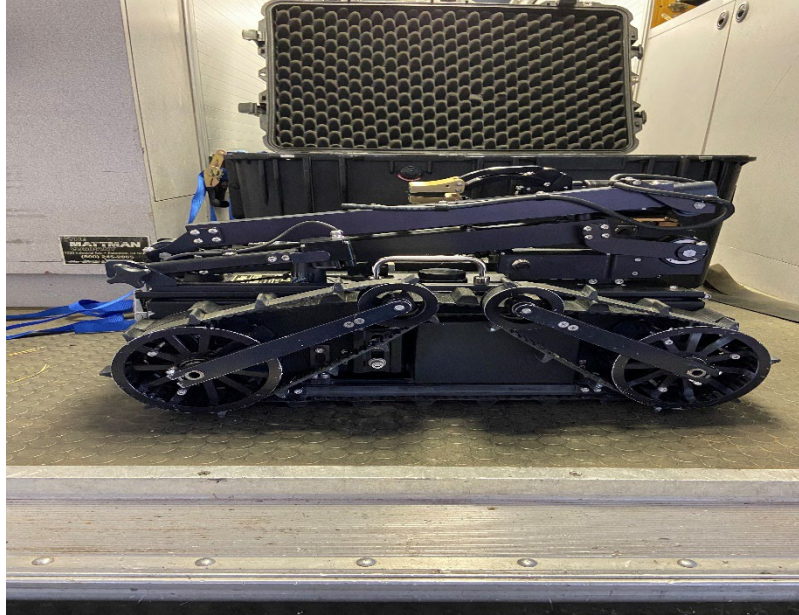
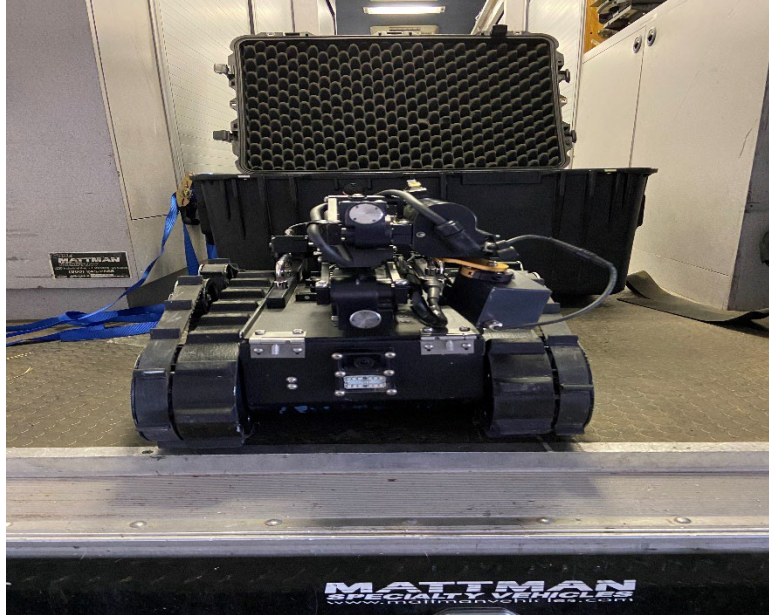
Unmanned Tracked Robots

- Robots are used exclusively by SWAT Officers during critical incidents and high-risk operations.
- The SDPD SWAT Team currently utilizes two types of robots operationally. The ICOR Mini-Caliber Robot and the FLIR FirstLook Robot.
- The ICOR Robot is larger and has the ability to open unlocked door handles. The FirstLook is a smaller robot, with more maneuverability.
- Robots allow SWAT Officers to obtain a view of an area without sending an officer to an uncleared/dangerous position.
- SWAT Officers regularly train on safe robot deployment.



San Diego Police Equipment

Unmanned Tracked Robot (large)



San Diego Police Equipment

Unmanned Tracked Robot (small)



San Diego Police Equipment

Department Issued Rifles / MP-5

- Patrol Officers: Colt Carbine LE Series AR-15 Rifle.
- SWAT Officers Only: Daniel Defense Semi-Automatic AR-15 Rifle.
- SWAT Snipers Only: Accuracy International .308 Caliber Bolt Action Rifle.
- SWAT Snipers Only: JP Enterprises .308 Caliber Semi Automatic Rifle.
- SWAT Snipers Only: .50 Caliber Rifle Deployment Kits (non-operational).
- SWAT / Detectives: MP-5 9mm Sub Machine Gun
- Ammunition: Listed in the report associated with each weapon system.



San Diego Police Equipment

Department Issued Rifles



San Diego Police Equipment

Pepperball Launchers

- Pepperball launchers are used only by SWAT Officers.
- Used to deploy an extended range Pepperball in response to an assaultive or actively resisting suspect.
- SWAT Officers must complete a Pepperball Certification Course and re-qualify with the Pepperball equipment annually.



San Diego Police Equipment

Diversionary Device - Flashbang

- Flashbang Cannisters are used only by SWAT Officers.
- Used as an attention getting or distraction device.
- When deployed, the cannister emits a loud noise and bright light after a 1.5 second delay.
- Only deployed in a cleared area with at least five feet of open space.
- SWAT Officers must complete a certification course and re-qualify with the equipment annually.



San Diego Police Equipment

40mm Launchers

- The department has two types of 40mm launchers, single launchers and multi-launchers (SWAT Only).
- Used to launch a 40mm sponge round or chemical agent ferret round (SWAT Only).
- The 40mm sponge round is used only on assaultive suspects or suspects actively resisting with access to a weapon.
- 40mm Chemical Agent Ferret Rounds are used to drive a suspect from a structure or to prevent a suspect from accurately firing out of a location at citizens or officers in an emergency situation.



San Diego Police Equipment

40mm Launchers



San Diego Police Equipment

Chemical Agents

- Chemical agents are deployed exclusively by SWAT Officers.
- Chemical agents are used to drive a suspect or suspects from a structure or location. They are also used to prevent an armed suspect from accurately firing at officers and citizens during an emergency situation.
- Chemical agents can be used on violent, assaultive persons. (Open air, only with the permission of the Chief of Police or his / her designee).
- Delivery methods depend on proximity to the target, type of agent being deployed and size of structure.



San Diego Police Equipment

LRAD

- The LRAD (Long Range Acoustic Device) is a type of loudspeaker system that emits a focused and directional beam of sound.
- The LRAD is used as a PA system to issue Emergency Evacuation Orders, communicate with a suspect where direct communication is not possible, or to relay directions to a crowd in a noisy environment (unlawful assembly announcements).
- The department currently has 2 types:
 - The LRAD Model 100X (Large)
 - The LRAD Model 500X-RE (Compact)



San Diego Police Equipment

Beanbag Shotgun

- Beanbag Shotguns are Extended Range Impact Weapons capable of firing a 12-gauge bean bag round.
- Beanbag Shotguns are affixed with a bright orange stock and fore-end for easy identification.
- Beanbag Shotguns can be deployed to impact suspects demonstrating assaultive or life-threatening behavior.
- Beanbag Shotguns are NOT utilized by the department during civil unrest or crowd control situations.



San Diego Police Equipment

Breaching Equipment

- Explosive Breaching:
 - Used during crisis situations when necessary for the SWAT Team to quickly and effectively breach a door or port a wall.
 - Can be used to defeat a fortified door, wall or barrier and is considered a cutting tool.
 - Effective explosive breaching techniques allow SWAT Officers immediate entry into a structure with minimal risk to victims, officers, and suspects.
 - Only used with approval from the SWAT Commanding Officer and the Incident Commander when all the safety considerations have been evaluated.
 - Example: Used by Las Vegas SWAT Officers to defeat door fortification while responding to the Harvest Music Festival Active Shooter in 2017.



San Diego Police Equipment

Night Vision Equipment

- The SWAT Team currently utilizes NODs (Night Optical/Observation Devices).
- The majority of SWAT missions occur at night or in low-light environments. The NODs provide officers a tactical advantage and a higher degree of officer safety in those conditions.
- The use of NODs is extremely advantageous during hostage rescue, response to active shooters and other high-risk operations.
- SWAT Officers attend a 30-hour training course and must pass an annual low light weapons qualification shoot to utilize night vision equipment.



San Diego Police Equipment

Night Vision
Equipment PVS 14
(Single) & PVS 31



San Diego Police Equipment

Recent Example – 30 hour mission

- On August 23, 2022 Officers received a radio call of the suspect firing into the neighborhood with a handgun, striking cars and fences, threatening to kill his neighbors. Officers responded, set up a perimeter, and attempted to call out the suspect. SWAT was asked to assist.
- ABLE was used along with SDPD's UAS launched
- ENT made numerous calls into the suspect's phone and made call outs utilizing the bull horn from the Bearcat.
- Flash bangs were deployed to get the suspect's attention.
- Chemical agents were deployed.
- Robot to break a large opening in a window so a UAS could gain access inside. A UAS flew inside the opening of the window which led to a bedroom but did not locate the suspect.



San Diego Police Equipment

Recent Example – 30 hour mission con'd

- Hours later, a Bearcat was utilized to put gas through the east wall. As soon as the gas was being delivered the suspect fired 3-4 rounds towards the officers inside the Bearcat. The Bearcat team continued to deliver all the gas and then backed up. The Bearcat Team continued to the west side of the house and delivered gas into the garage.
- ENT continued call outs and the suspect did not respond. The Bearcat Team was utilized to port several openings to help give officers a view inside of the residence. The UAS and robot cleared the garage and the two vehicles parked in the garage. The robot located a door possibly leading to the interior of the house inside the garage, but the door was locked. The Bearcat was used to port holes. A UAS flew into one of the holes inside the residence, where the suspect was located when he shot at the officers.



San Diego Police Equipment

Recent Example – 30 hour mission con'd

The Bearcat was unable to safely tear down anymore fencing or port holes into the house. The UAS noticed the suspect crawling out of the window next to the bushes. It was dark outside so the UAS shinned a spotlight on the suspect. The suspect climbed back into the window after the light shinned on him.

ENT continued call outs to the suspect, but the suspect did not respond. It appeared the suspect was looking out at officers' positions. The suspect was challenged at the window by the Bearcat Team multiple times. The suspect continued to present himself with something in his hand multiple times. A SWAT Supervisor saw a metal object in the suspect's hand and later what appeared to be a handle of a handgun in the suspect's back waistband. Bearcat Team deployed a stingball into the residence. The suspect then started to move back and forth from the window. The suspect continued to present himself. SWAT heard the suspect yell "It'll never end peacefully!" SWAT deployed hot gas into the residence. The suspect continued to walk around unphased by the gas and started to throw items out of the residence.



San Diego Police Equipment

Recent Example – 30 hour mission con'd

The suspect presented himself again at the window and was challenged by SWAT Officers. The suspect did not comply, and was hit with a 40mm less lethal sponge round. The suspect went into a bathroom directly behind the opening on side 2. The TAC CAT backed out and the Bearcat moved forward into position directly in front of the bathroom. SWAT deployed gas and Pepperball into the bathroom but the suspect did not respond. SWAT utilized a fire hose to force the bathroom door open and K9 was deployed. K9 bit the suspect and SWAT took the suspect into custody. This mission was 30 hours long, where equipment utilized by the SWAT Team was used to safely take the suspect into custody and with no other citizens or officers were injured.



San Diego Police Equipment

Recent Example

- On December 12, 2022, SDPD Officers pursued a stolen vehicle suspect. The suspect ran from the vehicle and officers pursued the suspect on foot. During the pursuit, the suspect shot one of the pursuing officers. A Code-12 (Emergency SWAT response) was called. After shooting the officer, the suspect was seen by ABLE going into a window of a vacant residence. During the ensuing SDPD SWAT response, UAS, unmanned robots, both Bearcats, the SWAT SEV, the ENT Command Van, the 40mm launcher to deploy chemical agents, all described in this presentation were safely utilized. The robots utilized checked the inside of the residence before making entry. The robot was able to locate the suspect inside of a utility room where it was discovered the suspect was overdosing after ingesting controlled substances. Medical aid was immediately administered by STAR Medics, saving the suspect's life. The de-escalation tactics and the equipment used by the SDPD Officers on scene worked. The suspect was eventually transported to the hospital for further treatment and no other citizens or officers were injured.



San Diego Police Equipment

Summary / Goal of Presentation

- The San Diego Police Department respectfully asks the City Council to certify the continued use of the safety equipment outlined in this presentation.
- Each piece of equipment is crucial for the department's ability to maintain public safety.



QUESTIONS?