

IRWINDALE POLICE DEPARTMENT
FY2024 - 2025 MILITARY EQUIPMENT USE, AMOUNT OF USAGE, AND ANNUAL COST

ITEM	USE	AMOUNT OF USAGE	2024-2025 EXPENDITURES	SOURCE OF FUNDS
<u>Unmanned Aerial System</u>				
DJI Matrice 30T Drone (2)	Field deployment	96 hours total	\$0	General Fund
<u>Unmanned Ground System</u>				
iRobot 210 Negotiator (1)	Field deployment	0	\$0	General Fund
Recon Robotics Recon Scout (1)	Field Deployment	0	\$0	General Fund
<u>Mobile Command Post</u>				
2005 Santek 31' trailer	Field deployment	1	\$0	General Fund
<u>Firearms</u>				
Rifles (2 Colt M4 Commando .223 cal.)	Field deployment: Training:	Daily Monthly (SWAT)	See Munitions See Munitions	General Fund
Rifles (6 Bushmaster XM15 .223 cal.)	Field deployment: Training:	Daily Semi-annual	See Munitions See Munitions	General Fund
Rifles (11 Colt M4 Carbine .223 cal.)	Field deployment: Training:	Daily Semi-annual	See Munitions See Munitions	General Fund
Rifles (12 Colt M4LE .223 cal.)	Field deployment: Training	Daily Semi-annual	See Munitions See Munitions	General Fund
Rifles (5 Daniel Defense DDM4 .223 cal.)	Field deployment: Training:	Daily Monthly (SWAT)	See Munitions See Munitions	General Fund
Remington 870 Door Breaching Shotgun (1)	Field deployment: Training:	0 0	See Munitions See Munitions	General Fund
(3) Defense Tech. 40mm Launchers	Field deployment: Training:	Daily Annually	See Munitions See Munitions	General Fund

(1) Federal Lab. Inc. 37mm Launcher	Field deployment: Training:	0 0	See Munitions See Munitions	General Fund
(1) Cobray 37mm Launcher	Field deployment: Training:	0 0	See Munitions See Munitions	General Fund
Pepperball Launchers (3)	Field deployment: Training:	Daily ¹ 1	See Munitions See Munitions	General Fund
Remington 870 12ga. beanbag (5)	Field deployment: Training:	Daily 1	See Munitions	General

Munitions

Type	Size/Caliber	Current Inventory	2024-2025 Usage	2024-2025 Cost	Source of Funds
Lethal	.223 cal. rifle	1,500 duty 9,000 training	Field: Training:	0 3,000	\$1,762 General Fund
Less Lethal	40mm OC sponge Rounds	23	Field: Training:	0 0	\$850 General Fund
Less Lethal	eXact iMpact 40mm sponge rounds	48	Field: Training:	0 300	\$550 General Fund
Less Lethal	Drag 12ga. beanbag rounds	192	Field: Training:	0 0	\$0 General Fund
Less Lethal	Def. Tech. noise-flash diversionary device	5	Field: Training:	0 0	\$0 General Fund
Less Lethal	Pepperball rounds	1,500	Field: Training:	30 1,000	\$2,726 General Fund
Door breacher	12 ga. Royal Arms Clayvon rounds	24	Field: Training:	0 0	\$0 General Fund
Door breacher	12 ga. Royal Arms Black Cap rounds	20	Field: Training:	0 0	\$0 General Fund
Door breacher	12 ga. Royal Arms Flashbang rounds	24	Field: Training:	0 0	\$0 General Fund

¹ Deployed against resistive suspects on two occasions during FY 2024 – 2025.

Description of Approved Irwindale Police Department Military Equipment

1. **Unmanned Aerial System (UAS):** An unmanned aircraft and the associated equipment necessary to control it remotely.
 - a. Make, Cost, Quantity, Capabilities
DJI Matrice 30T | Cost: \$0 | Quantity: 2 | UAS with approximately 45 minutes of flight time per battery charge. Capabilities include standard optical and infrared cameras with optical zoom and the capability to record video. Inventory includes several additional batteries, chargers, and protective cases. Obtained via community donations.
 - b. Purpose
To be deployed when an elevated viewpoint would assist officers in a variety of situations, including but not limited to major collisions, active crime scenes, searches for missing persons or suspects, natural disaster management, SWAT deployments, in response to requests for assistance from other law enforcement or public safety agencies, or other public safety and life preservation missions. UAS systems may only be operated by pilots who have completed all required training and licensing requirements.
 - c. Authorized Use
Only assigned pilots who have completed the required training are permitted to operate Department UAS systems.
 - d. Expected Lifespan
Five to seven years.
 - e. Fiscal Impact
Approximately \$2,000 to \$3,000 every other year for battery and/or rotor replacements.
 - f. Training
Pilots undergo a minimum of eighty (80) hours of initial training followed by testing and licensure by the Federal Aviation Administration. Ongoing training occurs as courses become available.
 - g. Legal and Procedural Rules
Use is established in FAA Regulation 14 CFR Part 107 and the Department's UAS Policy 606. It is the policy of the Department to utilize UAS only for official law enforcement purposes and according to State and Federal law.
2. **Unmanned, Remotely Piloted Ground Vehicles (Robots):** A remotely controlled unmanned machine that operates on the ground to enhance the safety of the community and officers.

a. Make, Cost, Quantity, Capabilities

(1) iRobot 210 Negotiator | Cost: \$0 | Quantity: 1 | The Negotiator is a compact ground robot that allows officers to see, hear and evaluate dangerous situations from a safe distance. It can travel at three miles per hour and is capable of climbing stairs. It can operate for several hours on a single battery charge.

(2) Recon Robotics Recon Scout | Cost: \$0 | Quantity: 1 | The Recon Scout is a miniature mobile robot that provides real-time video reconnaissance of hostile or dangerous environments. The Recon Scout gathers mission-critical information prior to sending personnel into unpredictable and unsafe environments. It is constructed of durable aircraft aluminum and titanium. Once deployed, its movement is controlled from a distance using a handheld operator control unit.

b. Purpose

Ground robots can be used to remotely gain visual data and search areas without requiring an officer to enter a dangerous area.

c. Authorized Use

Only assigned operators who have completed the required training are permitted to operate the robots.

d. Expected Lifespan

Both robots are well past their expected lifespans of 3 to 5 years, are obsolete, and are not in use.

e. Fiscal Impact

\$0; units are obsolete and not in use.

f. Training

All robot operators must complete a minimum of eight (8) hours of training to operate the robots during live operations. Operators also complete recurring training as courses become available.

g. Legal and Procedural Rules

It is the policy of the Department to utilize a robot only for official law enforcement purposes and according to State and Federal law.

3. Mobile Command Post: A trailer used to serve as a mobile office during extended events.

a. Make, Cost, Quantity, Capabilities

2005 Santek thirty-one (31) foot, three-axle enclosed trailer | Cost: \$0 | Quantity: 1 | The Mobile Command Post provides shelter, access to Department computer systems,

dispatch communication consoles and radios, and restroom facilities. The trailer was purchased with grant funds.

b. Purpose

The purpose of the Mobile Command Post is to provide a safe and private location for employees to conduct Department business in the field as needed.

c. Authorized Use

The Mobile Command Post may be deployed to a variety of incidents, including but not limited to major crime scene investigations, major traffic collision investigations, critical incidents, natural disasters, community events, and in response to a request for its use by an outside law enforcement agency with the approval of the Chief of Police or his/her designee.

d. Expected Lifespan

The Mobile Command Post has reached the end of its twenty-year expected lifespan, however it continues to remain functional in its core capabilities.

e. Fiscal Impact

Annual maintenance cost is approximately \$0 to \$5,000.

f. Training

Only personnel who have been trained in the deployment and operation of the Mobile Command Post are authorized to utilize it.

g. Legal and Procedural Rules

Rules governing the use and maintenance of the Mobile Command Post are found in the Vehicle Use Policy 703 and Vehicle Maintenance Policy 702.

4. **Specialized Firearms:** Firearms fired from shoulder level with rifled barrels intended to make bullets spin and thereby increase accuracy over a long distance.

a. Make, Cost, Quantity, Capabilities

- (1) Colt M4 Commando .223 caliber rifle | Cost: \$800 each | Quantity: 2 | This rifle is a firearm capable of accurately stopping an armed subject at various distances. The rifle is a lightweight, air-cooled, gas-operated, magazine-fed, shoulder-fired weapon designed for semi-automatic and selective fire. The projectile can penetrate soft body armor worn by armed subjects.
- (2) Bushmaster XM15-E2S .223 caliber rifle | Cost: approximately \$600 each | Quantity: 6 | This rifle is a firearm capable of accurately stopping an armed subject at various distances. The rifle is a lightweight, air-cooled, gas-operated, magazine-fed, shoulder-

fired weapon designed for semi-automatic and selective fire. The projectile can penetrate soft body armor worn by armed subjects. Purchased before 2010.

- (3) Colt M4 Carbine .223 caliber rifle | Cost: \$1,057 each | Quantity: 11 | This rifle is a firearm capable of accurately stopping an armed subject at various distances. The rifle is a lightweight, air-cooled, gas-operated, magazine-fed, shoulder-fired weapon designed for semi-automatic and selective fire. The projectile can penetrate soft body armor worn by armed subjects.
- (4) Colt M4LE .223 caliber rifle | Cost: \$674 each | Quantity: 12 | This rifle is a firearm capable of accurately stopping an armed subject at various distances. The rifle is a lightweight, air-cooled, gas-operated, magazine-fed, shoulder-fired weapon designed for semi-automatic and selective fire. The projectile can penetrate soft body armor worn by armed subjects.
- (5) Daniel Defense DDM4 .223 caliber rifle | Cost: \$1,602 each | Quantity: 5 | This rifle is a firearm capable of accurately stopping an armed subject at various distances. The rifle is a lightweight, air-cooled, gas-operated, magazine-fed, shoulder-fired weapon designed for automatic, semi-automatic and selective fire. The projectile can penetrate soft body armor worn by armed subjects.

b. Purpose

If present and feasible, rifles can be used as precision weapons to address threats more accurately and at distances greater than can be addressed with handguns. These firearms can also match the firepower of the threat and penetrate barriers or barricades in critical incidents.

c. Authorized Use

Use of rifles is governed by IPD Firearms Policy 306 and Crisis Response Unit (SWAT) Policy 404. All officers are authorized to carry the Colt M4 Carbine, Colt M4LE rifle, and Bushmaster XM-15-E2S rifles, regardless of assignment, as these rifles are all of similar capabilities. The Daniel Defense DDM4 and Colt M4 Commando rifles are used exclusively by SWAT.

d. Expected Lifespan

All rifles have a service life expectancy of twenty years. Department rifles have been purchased at different times over a span of many years and are therefore of varying age, with some near or at the end of their serviceable lifespan.

e. Fiscal Impact

Annual maintenance cost is approximately \$0 to \$100 per rifle.

f. Training

All officers receive rifle training on being hired and conduct continual annual training. Officers assigned to SWAT receive additional monthly training on rifles assigned exclusively to the SWAT team. All officers must qualify with any rifle assigned to them annually.

g. Legal and Procedural Rules

Use of rifles is governed by IPD Firearms Policy 306 and Crisis Response Unit (SWAT) Policy 404.

5. **Diversionsary Devices (“Flashbangs”):** Light/sound devices that serve as a diversionsary measure to protect officers, suspects, and community members.

a. Make, Cost, Quantity, Capabilities

Defense Technologies | Cost: \$50 per cartridge | Quantity: 5 | A diversionsary device produces bright light and loud sound. It is ideal for distracting dangerous suspects during assaults, hostage rescue, room entry, or other high-risk arrest/search warrant situations. Purchased in approximately 2009 – 2013 and at end of serviceable life. Inventory includes 5 cartridges and 3 bodies which house the cartridges during deployment.

b. Purpose

Properly using and deploying diversionsary devices can increase officer safety and assist officers with completing a tactical situation. This includes, but is not limited to, barricaded suspects, hostage situations, high-risk warrant service, or any life-threatening situation.

c. Authorized Use

Absent exigent circumstances, only sworn members who have completed training by a certified and Department-approved trainer may be issued, use, or carry diversionsary devices. The devices are stored and carried in compliance with Federal regulations. These devices can also be used for training exercises or approved demonstrations.

d. Expected Lifespan

Until used.

e. Fiscal Impact

Annual cost is approximately \$0 to \$500 to replenish stock as it is expended in the field or in training.

f. Training

Only officers who have completed training provided by a department-approved trainer may use diversionsary devices.

g. Legal and Procedural Rules

Use of diversionary devices is generally provided for in IPD Crisis Response Unit (SWAT) Policy 404.

6. **Specialty Impact Munitions (SIMs), Breachers and Launchers:** 37mm and 40mm launchers and munitions, and 12ga. shotgun-fired breacher rounds. These devices are considered less lethal and are used to gain compliance from an individual who is violently or actively resisting, or to breach doors. Such devices are intended to mitigate serious injuries to officers, the subject, and other individuals.

a. Make, Cost, Quantity, Capabilities

(1) Federal Laboratories Inc. model 201-Z 37mm launcher | Cost: \$0 | Quantity: 1 | This launcher is a single-shot, break-open less lethal munition launcher. This model was introduced by the manufacturer in the 1930s. It is far beyond its serviceable life, is obsolete, and is not in use.

(2) Cobray 37mm launcher | Cost: \$0 | Quantity: 1 | This launcher is a single-shot launcher designed to attach to the underside of an AR-15 style rifle barrel. It uses its own trigger independent of the rifle's trigger. This launcher was introduced in the 1980s. It is beyond its serviceable life, is obsolete, and is not in use.

(3) LMT Defense 40mm launcher | Cost: \$1,090 | Quantity: 3 | This is a single-shot, break-open loading launcher. It has a sling attached and butt-stock nylon holder with a three-round capacity. These launchers are modern and fielded on a daily basis.

(4) Pepperball Tac SA Pro launcher | Cost: \$950 | Quantity: 2 | This is a CO2 powered semi-automatic launcher of pepperball rounds. It is equipped with a sling and a top-positioned hopper feed which can hold several dozen projectiles. This launcher is modern and fielded on a daily basis.

(5) Pepperball Tactical Compact Carbine (TCL) launcher | Cost: \$0 | Quantity: 1 | This Pepperball launcher was built on a paintball launcher frame. It is more than 20 years old, has reached the end of its serviceable life, is obsolete, and is not in use.

(5) Direct Impact 40mm OC sponge rounds | Cost: \$37 each | Quantity: 23 | This projectile is a dual-purpose less lethal munition that delivers kinetic energy impact along with oleoresin capsicum (OC) pepper irritant against a subject who is violently or actively resisting.

(6) eXact iMPact 40mm sponge rounds | Cost: \$24 each | Quantity: 48 | This less lethal projectile delivers kinetic energy impact against a subject who is violently or actively resisting.

(7) Defense Technologies Inc. Drag Specialized 12ga. beanbag rounds | Cost: \$6 each | Quantity: 192 | This shotgun-fired, less lethal projectile delivers kinetic energy impact against a subject who is violently or actively resisting.

(8) Royal Arms Clayvon 12ga. breacher rounds | Cost: \$5 each | Quantity: 24 | These shotgun-fired rounds are specially developed to defeat door locks or hinges with minimum collateral hazards.

(9) Royal Arms Black Cap 12ga. breacher rounds | Cost: \$5 each | Quantity: 20 | These shotgun-fired rounds are specially developed to defeat door locks or hinges with minimum collateral hazards.

(10) Royal Arms flashbang 12ga. diversionary device rounds | Cost: \$5 each | Quantity: 24 | These shotgun-fired rounds are a smaller version of the standard light-sound diversionary device.

b. Purpose

Impact munitions are of particular use when officers encounter a subject who is violently or actively resisting. They are all designed to minimize the risk of injury to officers, suspects, and community members.

Breacher munitions can be used to defeat locks or hinges of doors in incidents where officers need to pass through the door but occupants refuse to unlock it such as hostage or barricaded suspect incidents.

c. Authorized Use

Absent exigent circumstances, only sworn members who have completed Department-approved training by certified Department-approved trainers may be issued, use, or carry these munitions. The devices shall be stored and carried in compliance with Federal regulations. These devices can also be used for training exercises or approved demonstrations.

d. Expected Lifespan

Launchers: 10 years. Munitions: until used.

e. Fiscal Impact

Annual cost for munitions is approximately \$0 to \$500 to replenish stock as it is expended in the field or in training. Cost for launcher replacement is approximately \$1,000 per launcher every ten years.

f. Training

Only officers who have completed training provided by a department-approved trainer may use these munitions.

g. Legal and Procedural Rules

Use of these munitions and launchers is provided for in IPD Control Devices and Techniques Policy 303.

Complaints or Concerns Received Concerning Military Equipment

No complaints or concerns were received during this reporting period.

Results of Military Equipment Audit

The Department conducted an internal inventory audit and found no misuse of military equipment or violations of the Military Equipment Policy 705.

Additional Military Equipment

The IPD used to possess an armored vehicle but has not in some years. Due to the apparent increase in local assaults and shootings of police officers, IPD intends to explore the possibility of acquiring a modern armored vehicle in the coming annual reporting period. Such a vehicle can also be used to rescue community members in the event of an active shooter or other emergency that puts lives at risk.