



PITTSBURG POLICE DEPARTMENT

Professionalism ★ Excellence ★ Trust

65 CIVIC AVENUE PITTSBURG, CA 94565



Military Equipment

Annual Report

As required by
California Government Code Section 7072

January 1, 2022 – January 1, 2023

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Annual Report Summary

In 2021, the State Legislature passed, and the Governor signed Assembly Bill 481, adding Sections 7070-7075 to the California Government Code. The law required each law enforcement agency to obtain approval from the governing body, by ordinance, of a military equipment use policy. The City Council adopted the ordinance in 2022, adding Chapter 2.64 to the Pittsburg Municipal Code and approving Policy 706 “Military Equipment Funding, Acquisition and Use Policy.” The state law further requires the law enforcement agency to submit to the governing body an annual military equipment report. The governing body, i.e. the City Council, must determine, based on the report, whether the equipment has complied with the standards for approval.

Military Equipment List Annual Report for Calendar Year 2022

1. Unmanned Aerial Vehicles

a. **Description, quantity, capabilities, and purchase cost:**

The unmanned Aerial Vehicle (UAV) is a battery powered, remote operated device. Flight time of approximately 30-45 minutes per battery, depending on weather and flight conditions. The UAV has also proven to be useful to public safety agencies in firefighting, search and rescue, pre-operational surveillance, and other tactical situations where aerial views enhance the safety and efficiency of law enforcement and fire personnel.

- i. DJI Matrice 210 V2, cost \$20,000, quantity: 1.
- ii. DJI Mavic Pro, cost \$1,000, quantity: 3.
- iii. DJI Mavic 2, cost \$4,000, quantity: 2.
- iv. DJI Mini 2, cost \$800, quantity: 3.

b. **Purpose:**

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

- i. Major collision investigations
- ii. Emergency Life Threatening Situations
- iii. Search for missing persons
- iv. Natural disaster management
- v. Crime scene photography
- vi. Special Weapons and Tactics, tactical or other public safety and life preservation missions
- vii. In response to specific requests from local, state or federal fire authorities for fire response and/or prevention

c. **Authorized Use:**

Only assigned operators who have completed the required training shall be permitted to operate Pittsburg Police Department's UAV's approved missions.

d. **Expected Lifespan:**

DJI Matrice 210 V2 - 5 years.
DJI Mavic Pro - 5 years.
DJI Mavic 2 - 5 years.
DJI Mini 2 - 5 years

e. **Fiscal Impact:**

Annual maintenance and operator training/licensing cost of approximately \$5000-\$6000.

f. **Training:**

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All Department UAV operators are licensed by the Federal Aviation Administration for UAV operation. UAV operators train quarterly in the use of the UAV's.

g. **Legal and Procedural Rules:**

Use is established under the FAA Regulation 14 CFR Part 107 and the Pittsburg Police Department UAV policy #606. It is the policy of Pittsburg Police Department to utilize UAV's only for official law enforcement purposes and in a manner that respects the privacy of our community, pursuant to State and Federal law.

In 2022 the Pittsburg Police Department utilized Unmanned Aerial Vehicles for a total of 142 flights during 43 deployments. The vast majority of deployments were in conjunction with the Pittsburg Police Department's Special Response Unit for the purpose of perimeter security during high-risk operations. In addition, the UAVs were utilized for the purpose of assessing traffic flow problems in various areas of the city. This information was utilized to help develop traffic congestion relief approaches.

No additional UAVs were purchased or replaced during this calendar year. Maintenance costs were maintained within budget.

A review of the UAV deployments found all flights were conducted within Pittsburg Police Department policies and standards.

2. Armored Personnel Carrier

a. **Description, quantity, capabilities, and purchase cost:**

The Armored Group LLC BATT (Ballistically Armored Tactical Transport), cost: \$175,000, quantity: 1. The BATT is designed to withstand multiple bullet strikes from small arms fire as well as low level explosions. Equipped with emergency lights/siren and a public address system. Common uses for the BATT include citizen and officer rescues, evacuations, and the deployment of officers and chemical agents. The BATT is deployed for potentially armed or high-risk encounters by trained members of the Pittsburg Police Department.

b. **Purpose:**

To be used in response to critical incidents to enhance officer and community safety, improve scene containment and stabilization, and assist in resolving critical incidents.

c. **Authorized Use:**

The use of the BATT shall only be used/operated by authorized members of the Pittsburg Police Department who have been trained in the use of this vehicle.

d. **Expected Lifespan:**

25 years

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e. **Fiscal Impact:**

Annual maintenance cost of approximately \$5,000

f. **Training:**

All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.

g. **Legal and Procedural Rules:**

Use is established under Pittsburg Police Department policy #703. It is the policy of this Department to utilize armored vehicles for official law enforcement purposes and pursuant to State and Federal law.

In 2022 the Pittsburg Police Department utilized the Armored Personnel Carrier a total of 13 times. 12 deployments were conducted as part of preplanned high-risk search warrants served by the Pittsburg Police Department's Special Response Unit. 1 deployment came as the result of a pre-planned mutual aid request. There were no immediate response deployments in 2022.

No additional Armored Personnel purchases were made during this calendar year. Maintenance costs were maintained within budget.

A review of the Armored Personnel Carrier deployments determined each utilization was conducted within Pittsburg Police Department's policies and standards.

Command and Control Vehicle

- h. **Description, quantity, capabilities, and purchase cost:**
2007 Wells Cargo Model EW3225W Command Center Trailer, cost: \$35,000, quantity: 1. This vehicle is a large trailer used as a command center during prolonged incidents. The trailer contains desk space, a meeting area, generator, and bathroom.
- i. **Purpose:**
To be used in response to critical incidents to be used as a command center.
- j. **Authorized Use:**
The use of the trailer is limited to trained members of the Pittsburg Police Department.
- k. **Expected Lifespan:**
20 years
- l. **Fiscal Impact:**
Annual maintenance and driver training cost of approximately \$2500.00
- m. **Training:**
All driver/operators shall attend formalized instruction and be trained in vehicle operations and practical driving instruction.
- n. **Legal and Procedural Rules:**
Use is established under Pittsburg Police Department policy #703. It is the policy of this Department to utilize the command vehicle for official law enforcement purposes and pursuant to State and Federal law.

Command and Control Vehicle

- o. **Description, quantity, capabilities, and purchase cost:**
2015 Forrest River 14-foot enclosed trailer, Cost \$15,000, quantity: 1. This enclosed trailer has been modified with desks, computers, and monitors making it a platform the Crisis Negotiation Team uses to operate during a critical incident.
- p. **Purpose:**
To be used in response to critical incidents for Crisis Negotiation Team purposes
- q. **Authorized Use:**
The command trailer shall be used by officers who have been trained in its deployment and use.
- r. **Expected Lifespan:**
20 years
- s. **Fiscal Impact:**
Annual maintenance and driver training cost of approximately \$1,500
- t. **Training:**
All driver/operators shall attend a formalized instruction and be trained in vehicle operations and practical driving instruction.

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u. **Legal and Procedural Rules:**

Use is established under Pittsburg Police Department policy #703. It is the policy of this Department to utilize the command vehicle for official law enforcement purposes and pursuant to State and Federal Law.

In 2022 the Pittsburg Police Department utilized the Command-and-Control Vehicle a total of 5 times. All deployments were in support of DUI checkpoints conducted throughout the City of Pittsburg.

No additional Command and Control Vehicles were purchased during this calendar year. Maintenance costs were maintained within budget.

Each deployment was reviewed and found to be within the Pittsburg Police Department's policies and standards.

3. Specialized Firearms and Ammunition

a. **Description, quantity, capabilities, and purchase cost:**

Guns that are fired from shoulder level, having a long spirally grooved barrel intended to make bullets spin and thereby have a greater accuracy over a long distance and Less Lethal launcher for deploying Kinetic Energy Munition.

- i. Colt AR-15/M4 semi-automatic rifle for patrol use, cost \$16485, quantity: 15.
- ii. Colt AR-15/M4 semi-automatic rifle for SWAT use, cost \$6,594, quantity: 6.
- iii. LWRC M4 semi-automatic rifle for SWAT use, cost \$14,034, quantity: 6.
- iv. PWS MK111 M4 semi-automatic rifle for patrol use, cost \$6,147, quantity: 3.
- v. COLT AR-10 semi-automatic rifle for SWAT use, cost \$2,800, quantity: 2.
- vi. GA Precision GAP-10 Gen 2 6.5 Creedmoor semi-automatic rifle, cost \$7,580, quantity: 2.
- vii. Defense Technology 40MM launcher, cost \$18,715, quantity: 19.
- viii. Winchester 5.56x45mm 55 grain FMJ ammunition, cost \$2,784, quantity 8,000 rounds.
- ix. Winchester 223 Remington 64 grain power point ammunition, cost \$992, quantity: 2,000 rounds.
- x. Hornady .308 Winchester 168 grain, cost \$489, quantity: 400 rounds.
- xi. CTS 4557-40MM Kinetic Sponge Baton round, \$1,463, quantity: 70. For patrol and SWAT use.

b. **Purpose:**

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To be used as precision weapons to address a threat with more precision and/or greater distances than a handgun, if present and feasible.

c. **Authorized Use:**

Only members that are POST certified are authorized to use a rifle, and 40MM launcher.

d. **Expected Lifespan:**

Colt AR-15/M4 rifle- 20 years

Remington 700 rifle- 20 years

Defense Technology 40MM launcher- 20 years

Winchester 5.56x45mm 55 grain FMJ ammunition- No expiration

Winchester 223 Remington 64 grain power point ammunition- No expiration

Hornady .308 Winchester 168 grain- No expiration

CTS 4557-40MM Kinetic Sponge Baton round- No expiration

e. **Fiscal Impact:**

Annual maintenance for firearms and 40mm launchers is approximately \$3000. Although there is minimal maintenance associated with ammunition and 40mm projectiles, costs associated with annual purchases is approximately \$35,000.

f. **Training:**

Prior to the use of the specialized firearms listed within this section, all officers must be certified by POST instructors in the maintenance and operation of such firearms.

g. **Legal and Procedural Rules:**

Use is established under Pittsburg Police policy #306 and 303.9. It is the policy of this Department to utilize specialized firearms only for official law enforcement purposes and pursuant to State and Federal law regarding the use of force.

On March 18th 2022, Pittsburg Officers responded to a call of a subject armed with a long rifle firing rounds indiscriminately in a residential neighborhood. Patrol Officers utilized the armored personnel carrier to begin an approach to the location. The subject fired in the direction of officers prompting the return of fire consisting of a single .223 round fired from a patrol certified rifle. This round sufficiently incapacitated the subject allowing for his safe detention and immediate medical aid. The subject in this incident was medically treated and his injuries stabilized. This incident was criminally investigated and subsequently cleared by the Contra Costa County District Attorney's Office and was found to be within policy by a third party parallel Internal Affairs Investigation.

Additionally, Pittsburg Police Department staff deployed approximately 3,500 rounds of ammunition listed on the reporting requirements of AB 481. All deployments were utilized in a training or qualification capacity and within the policies and standards of the Pittsburg Police Department.

5. Diversionary Device “Flashbangs”

a. **Description, quantity, capabilities, and purchase cost:**

A Noise Flash Diversionary Devices (NFDD) is a device that creates a bright flash and loud sound to temporarily divert the attention of subjects in the immediate area. NFDD are used to distract and temporarily incapacitate dangerous suspects by overwhelming their senses of vision and hearing. The distraction allows officers to seize a moment of opportunity to take control of the high-risk situations.

Combined Tactical Systems (CTS) Distraction Device, cost \$2,640, quantity: 50.

b. **Purpose:**

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 officers a tactical advantage.

c. **Authorized Use:**

Diversionary Devices shall only be used:

- i. By SWAT team members who have been trained in their proper use.
- ii. In hostage and barricaded subject situations.
- iii. In high-risk warrant (search/arrest) services where there may be extreme hazards to officers.
- iv. During other high-risk situations where their use would enhance officer safety.
- v. During training exercises.

d. **Expected Lifespan:**

5 years

e. **Fiscal Impact:**

Minimal cost associated with staff time to order and store. Cost associated with annual ordering is approximately \$2,500.

f. **Training:**

Prior to use, officers must attend diversionary device training that is conducted by POST certified instructors.

g. **Legal and Procedural Rules:**

It is the policy of this Department to utilize diversionary devices only for official law enforcement purposes and pursuant to State and Federal law regarding the use of force.

In 2022 members of the Pittsburg Police Department’s Special Response Unit deployed a total of 11 diversionary devices during the service of 13 high risk warrant details. No injuries or damage were reported as a result

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of these deployments. A total of 13 diversionary devices were deployed as part of routine training.

All deployments were reviewed and documented in After-Action Reports and found to be within the policies and standards of the Pittsburg Police Department.

6. Chemical Agents “Tear Gas”

a. **Description, quantity, capabilities, and purchase cost:**

Chemical agent munitions, which are commonly referred to as “tear gas,” are used by the Pittsburg Police Department as a non-lethal tool to disperse rioting suspects and/or barricaded suspects. CS (2-Chlorobenzylidenemalononitrile) and OC (Oleoresin Capsicum) are commonly used by law enforcement agencies across the United States.

CS is an irritating agent and lachrymator (irritates the eyes and causes tears to flow). CS has been medically tested in the UK and US, specifically by the U.S. Army. There are no known allergic reactions to CS. OC was de-regulated in California in 1996, is endorsed by the FBI, and is available to civilians to legally possess (2.5oz or less). OC is an inflammatory agent which causes involuntary closure of eyes (open 2-5 minutes) and respiratory inflammation (subsides in approximately 2 minutes).

- i. Defense Technology eXact Impact 40MM CS, cost \$1,045, quantity: 50.
- ii. Defense Technology 40mm liquid CS, cost \$970, quantity: 40.
- iii. Defense Technology Speed Heat (82 grams), cost \$754, quantity: 25
- iv. Defense Technology Flameless Tri-Chamber (20 grams), cost \$463, quantity: 10

b. **Purpose:**

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

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

c. **Authorized Use:**

Only officers who have received POST certification in the use of chemical agents are authorized to use chemical agents.

d. **Expected Lifespan:**

Defense Technology eXact Impact 40MM CS Ferret- 5 years.
Defense Technology 40mm liquid CS- 5 years.

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Defense Technology Speed Heat- 5 years.

Defense Technology Flameless Tri-Chamber- 5 years.

e. **Fiscal Impact:**

Minimal cost associated with staff time to order and store. Cost associated with annual ordering is approximately \$3,200.

f. **Training:**

Officers utilizing chemical agent canisters are certified by POST less lethal and chemical agent instructors.

g. **Legal and Procedural Rules:**

Use is established under Pittsburg Police policy #303.6. It is the policy of this Department to utilize chemical agents only for official law enforcement purposes and pursuant to State and Federal law regarding the use of force.

In 2022 the Pittsburg Police Department's Special Response Unit deployed chemical agents on one armed barricaded response call.

The utilization of chemical agents was documented in a criminal police report as well as an After-Action report and was found to be within the policies and standards of the Pittsburg Police Department.

All other chemical agent deployments were utilized in a training capacity only.