



Napa Valley College Police Department

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AB 481 Equipment Report

April 2023

Considerations:

The following AB 481 – reportable equipment inventory sheets contained within this document were compiled at the beginning of the year 2022.

With respect to costs, annual upkeep expenses, and estimated effective lifespan all efforts have been made to be as accurate as possible while acknowledging that many factors not within the department's control can affect the values.

Costs associated with the following items represent the best estimates at the time this document was prepared. Many of the items are not purchased from manufacturers, but from dealers, who may adjust the costs in accordance with market factors beyond the predictability abilities of Napa Valley College Police.

Because of the unpredictability of law enforcement many of the items estimated upkeep costs and lifespans may vary due to training availability, incidents, operations, and other factors.

In addition there are some costs for non-AB481 equipment that are used to support the items listed, some examples being slings, carrying cases, and cleaning supplies. These costs are not included in the cost estimates of the listed items.

Update:

Napa Valley College did not deploy any of the equipment listed in this report, other than for training purposes. There were no complaints issued regarding the equipment or its use.

40 MM Launcher (single capacity)

Description:

The 40 mm less lethal launcher device has the ability to shoot multiple types of 40 mm projectiles. NVCPD Officers are only authorized to carry inert or marking sponge munitions.

Purpose & Use:

A 40 mm less lethal launcher is used to deploy less lethal munitions and is used primarily in de-escalation situations, most commonly where greater accuracy and deliverable energy is desired for the incapacitation of an aggressive, non-complaint subject at longer distances.

Cost & Quantity Allocation:

This piece of equipment has no unique or temporary funding course. Unit cost of \$800. NVCPD currently has 2 launchers. Estimated effective lifespan 10+ years.

Training Requirements:

Officers must complete department-approved training presented by the Napa County Sheriff's Office to be authorized to use the 40 mm less lethal launcher device. Officers are also required to attend regular refresher trainings.

Compliance Protocols:

Use of 40 mm less lethal launcher shall conform to all relevant NVCPD policies, including but not limited to NVCPD policy 300, 302, and 700. Officers must maintain compliance with local, state and federal storage, transportation and handling regulations and all relevant local, state and federal use of force legislation.

Public Complaint Procedures:

NVCPD policy number 1004 shall apply to all personnel complaints.

Exact/Direct Impact 40 MM Sponge Munitions

Description:

The exact impact 40 mm sponge munition is a lightweight, high-speed projectile consisting of a plastic body and sponge nose. The round utilizes smokeless powder as the propellant, and, therefore, have velocities that are extremely consistent. The direct impact 40 mm foam munition is a lightweight projectile that consists of a plastic body and a crushable foam nose that contains a powder payload. This payload area can hold inert, marking, OC (Oleoresin Capsicum) or CS (Chlorobenzylidenemalononitrile) powder. The crushable foam nose dissipates energy upon impact while releasing the powder payload. The munition is deployed from a 40 mm launcher.

Purpose & Use:

The exact impact 40 mm sponge munition and the direct impact 40 MM foam round is a point-of-aim, point-of-impact, direct-fire munition that is most commonly used in situations where greater accuracy and deliverable energy is desired for the incapacitation of an aggressive, non-complaint subject at longer distances. These are considered less lethal impact munitions (LLIM). NVCPD officers are only authorized to carry inert or marking munitions for use.

Cost & Quantity Allocation:

This expendable equipment has no unique or temporary funding source. Unit cost of \$25 annual estimated training and operational allocation of 2 units.

Training Requirements:

Officers must successfully complete department-approved training presented by the Napa County Sheriff's Office to be authorized to use the exact impact 40 mm sponge munition and the direct impact 40 mm foam munition.

Compliance Protocols:

Use of the exact impact 40 mm sponge munition and the direct impact 40 mm foam munition shall conform to all relevant NVCPD policies, including but not limited to NVCPD policy 300, 302, and 700. Officers must maintain compliance with local, state and federal storage, transportation and handling regulations and all relevant local, state and federal use of force legislation.

Public complaint procedures:

NVCPD policy number 1004 shall apply to all personnel complaints