

**CHAPTER 14**  
**SPECIALTY WEAPON SYSTEMS, SPECIALITY MUNITIONS, AND**  
**CHEMICAL AGENTS**

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## CHAPTER 14

### SPECIALTY WEAPON SYSTEMS, SPECIALTY MUNITIONS, AND CHEMICAL AGENTS

#### 1. POLICY.

a. Definition. Specialty weapon systems are departmentally owned single-shot launchers designed to launch specialty munitions for the purpose of overcoming resistance, to affect an arrest, or address the threat of serious injury to an officer or subject.

b. Use of Specialty Weapon Systems. Employees shall not use specialty weapon systems except as permitted by policy contained in Highway Patrol Manual (HPM) 50.6, Special Response Team, Chapter 3, Grenadier Protocols and Procedures; and General Order 100.49, Special Weapons and Tactics Team.

c. Acquisition and Accountability of Specialty Weapon Systems, Specialty Munitions, and Chemical Agents. Employees shall follow the acquisition and accountability procedures for specialty weapon systems, specialty munitions, and chemical agents outlined in HPM 50.5, Civil Disturbance Planning and Operations Manual, Chapter 7, Chemical Agents and Specialty Weapon Systems.

d. Approved Specialty Weapon Systems, Specialty Munitions, and Chemical Agents. The Academy, Weapons Training Unit, approves all specialty weapon systems, specialty munitions, and chemical agents. In addition to the 12-gauge shotgun with kinetic energy munitions, the following departmentally owned specialty weapon systems, specialty munitions, and chemical agents are authorized for use:

##### (1) Specialty Weapon Systems.

(a) Combined Systems, PENN ARMS 40-millimeter (mm) Single-Launcher Compact Folding Stock & Grip Quad Rail (GL1-Compact). Model number L140-4.

(b) Combined Systems, PENN ARMS 37mm Single-Launcher Fixed Stock w/Iron Sights (L1 37). Model number L137-1.

##### (2) Specialty Munitions.

(a) Combined Systems, Combined Tactical Systems (CTS) 40mm Sponge, Smokeless, Spin Stabilized, 4" Long, impact munition. Model number 4557.

(b) Combined Systems, CTS 40mm Frangible Impact-Orange Marking Powder. Model number 4550. (For training, and Special Weapons and Tactics use only.)

(c) Combined Systems, CTS 40mm Aerial Flash-Bang, 50 Meter Warning Signal. Model number 4090-50.

(d) Combined Systems, CTS 37mm Muzzle Blast, 8" Long. Model number 3400.

(3) Chemical Agents.

(a) Combined Systems, CTS White Smoke Canister Grenade. Model number 6210.

(b) Defense Technology Spede-Heat Continuous Discharge Chemical Grenade, CS. Model number 1072.

(c) Combined Systems, CTS CS Canister Grenade. Model number 5230.

(d) Defense Technology MK-9 Stream OC Aerosol. Model number 56895.

2. CARE OF SPECIALTY WEAPON SYSTEMS.

a. Nomenclature. All employees qualified in the use and deployment of specialty weapon systems shall be familiar with the following nomenclature:

(1) Single-Shot Launcher, 40-Millimeter.

(a) The collapsible stock is adjustable to allow a correct length-of-pull for the grenadier while wearing the grenadier vest.

(b) The catch lever is depressed to open the chamber to allow loading and unloading.

(c) The safety button is an external cross bolt safety requiring the grenadier to press it from right to left in order to pull the trigger.

(d) The adjustable foregrip allows the grenadier to support the barrel for accuracy.

(e) The red dot optic allows the grenadier to aim at a target without the need for a front and rear sight.

(2) Full-Stock Gas Launcher, 37-Millimeter.

(a) The barrel latch is lifted to open the chamber to allow loading and unloading.

(b) The hammer is double action only and will draw back and fall with every trigger pull.

(c) The iron front sight allows the grenadier to approximately aim the weapon system.

(d) The fixed foregrip allows the grenadier to support the barrel for accuracy.

b. Maintenance Inspection. Grenadiers shall perform the following maintenance on specialty weapon systems after any deployment or training exercise during which rounds were fired. Any issues discovered during a maintenance inspection shall be brought to the attention of an Academy Gunsmith.

NOTE: Specialty weapon systems SHALL BE UNLOADED before performing a maintenance inspection.

(1) Single-Shot Launcher, 40-Millimeter.

(a) Clean the barrel with a bronze bore brush until all the plastic fouling has been removed from the bore.

(b) Ensure the barrel opens and closes without binding when pressing the catch lever.

(c) Inspect the safety button to ensure it moves freely from right to left. With the safety on, ensure the trigger does not pull back.

(d) Inspect the adjustable foregrip for tightness and ensure it folds correctly.

(e) Inspect the collapsible stock for cracks and ensure it adjusts correctly.

(f) Inspect the red dot optic for tightness and ensure the dot illuminates. Ensure the optic is turned off before storing it.

(2) Full-Stock Gas Launcher, 37-Millimeter.

- (a) Clean the barrel with a bronze bore brush and hot soapy water until all residue is removed. Ensure the weapon is completely dry before storing.
- (b) Inspect the barrel latch for spring tension.
- (c) Inspect the stock for tightness.
- (d) With the barrel open, ensure the hammer draws and falls with every trigger pull.

c. Annual Inspection. Specialty weapon systems shall be inspected annually by an Academy Gunsmith. Inspections should be conducted during the annual Special Response Team (SRT) recertification training which takes place at the Academy. In the event a Division does not attend the annual SRT recertification training, the Division shall make an appointment with an Academy Gunsmith to complete the annual inspection.