

Santa Cruz County Sheriff's Office

PAN Disruptor

Expanded Course Outline

10 Hours

Course Title:

PAN Disruptor

Course Goal(s):

1. Familiarize team members with applications of PAN Disruptor and different configurations of the tool.
2. Provide hands on learning and experience through practical application of PAN Disruptor

Audience:

1. Bomb Tech:
 - a. Huntsman/ Lopez/ Zigman / Madison / Graham
2. Bomb Support:
 - a. Schirmacher / Patzke
3. Unavailable:
 - a. Smith / Christiansen / Moise

Core Competencies:

1. PAN Disruptor and PAN Rounds
 - a. Safety Protocols
 - b. Appropriate application
 - c. Dual Pan Calculations
2. Leadership Exercise
 - a. Leadership discussion
3. IED Scenarios
 - a. Bomb suit
 - b. Deployment of PAN Disruptor

Date

January 7th, 2026

Total Hours of Instruction:

10

Schedule:

0700 – PT

0815 – Classroom Instruction

1000 – Set Up Bomb Truck for Rountree / Target set up

D. Madison 01/05/2026

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1100 – Lunch

1200 – Scenarios Rountree

1600 – Return to HQ

1700 – ENDEX

Location:

100 Rountree Ln, Watsonville CA

Forecast:

Cloudy. High around 58F. 35 percent chance of rain with 8 MPH winds.

Uniform:

- Bomb Team Green BDU

Instructors:

- D. Madison

AAR:

- Patzke

Netcom notification

- D. Madison

Mandated Training

- YES

Method of Presentation:

- Visual / Verbal / Hands on instruction. Participants will be shown the proper method and then instructed to replicate.

Course Objectives

Provide presentations to the participants about the safe implantation of the PAN disrupter, both by hand and remotely. Participants will display their competency in the taught materials by completing scenarios crafted to test the basic core competencies listed below which were taught earlier in the training.

These competencies include:

- Disassembly, reassembly and basic maintenance of the PAN Disrupter
- Preparation of general disruption shots
- Loading and deploying precision shots, with solid projectiles.

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- Deployment of the PAN disrupter with a frangible shot on a metal pipe endcap
- Prepare and deploy two Disrupters in tandem to take two shots with a predetermined delay in between them.

Safety Plan (Refer to OPS order)

1. Hospital – Dominican Hospital 1555 Soquel Dr
 - a. AMR or self-transport in Code 3 equipped vehicle \
2. First Aid Kit and Medical supplies on scene
 - a. Advanced Med Kit (Bomb Truck)
 - b. Fire safety blanket (Bomb Truck – forward compartment)
 - c. IFAK (Bomb personnel)
3. **ALL down range activities personnel SHALL dawn proper PPE for activity**
 - a. Ballistic helmet (ballistic shield if equipped) / eye protection / hearing protection/ chest plate / leather gloves / knee pads / proper clothing.
4. Safety Officers
 - a. Schirmacher (ALL TEAM MEMBERS ARE RESPONSIBLE FOR SAFETY)

3-1 Debrief/Clean-up

1. Vehicles
 - a. ALL vehicles fueled and cleaned of trash or washed if appropriate
 - b. Primary response vehicle organized and properly stowed from next mission
2. Equipment
 - a. Batteries returned to chargers
 - b. Explosives returned to magazine
 - c. Tools returned / organized
3. Vehicle Bay
 - a. Swept and cleaned of trash