

Santa Cruz County Sheriff's Office
Demolition Exercises
Expanded Course Outline
10 Hours

Course Title:

Demolition/ Disposal Range Operations

Course Goal(s):

1. Review of K factor
2. Review of Net explosive weight and RE weights for explosives
3. Review safety operations and PPE needed for disposal
4. Identify items to be disposed
 - a. Cases to be closed out post destruction of items
5. Discussion on explosive treatment of items to be destroyed

Audience:

1. Bomb Tech:
 - a. T. Huntsman (Supervisor) / SE. Lopez / N. Graham/ K Smith/ E Zigman/ D Madison
2. Bomb Support:
 - a. K. Schirmmacher / M. Moise / M. Patzke / M. Patzke
3. Unavailable:
 - a. Z Reed/ M Christiansen/ D Robbins

Core Competencies:

1. Demolition and disposal operation
2. Safety considerations for demolition and disposal
3. Explosive demolition (Refer to OPS Order)
4. Burning demolition – if determined appropriate
5. Proper PPE
6. Transportation of explosives / Safe handling
7. Evidence prosecution and collection on criminal cases (If applicable)

Date

March 25, 2026

Total Hours of Instruction:

10

Schedule:

0700 – Team meet and prepare gear / vehicles.
0745 – Depart for SJPD Range
0845 – Arrival SJPD Range
0900 – Safety Brief and range walk
0930 – Range Operations
1230 – Lunch

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1300 – Depart SCSO HQ

1400 – Gas, download gear, clean vehicles, mission ready status

1430 – Team PT

1530 – Team Meeting

1700 – ENDEX

Location:

- 5200 Soquel Ave., Santa Cruz CA 95062
- SJPD Bomb Range- 705 Los Esteros Rd Alviso, CA

Forecast:

Generally sunny despite. High 73F. Winds WNW at 10-15 mph

Uniform:

- Bomb Squad Green BDU's, range safe clothing (100% cotton preferred)

Instructors:

- T. Huntsman / SE Lopez / N. Graham

AAR:

- M. Moise

Safety Officer:

- K. Schirmacher

Netcom notification

- N/A

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

- Review of range safety and selection
- Review range safety for operations, including PPE
- Document and log all items for destruction for RMS case report writing
- All explosive shots will be measured for N.E.W and K-Factor

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- Refer to additional OPS order

Safety Plan (Refer to OPS order)

1. Hospital – Valley Medical
 - 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. Sgt T. Huntsman / SJPD Personnel (**ALL TEAM MEMBERS ARE RESPONSIBLE FOR SAFETY**)

Debrief/Clean-up

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

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- a. Swept and cleaned of trash
4. A member of the Bomb Squad will be assigned the responsibility of authoring reports relating to item disposal.

Prepared By: S Lopez (03/22/2026)

T. Huntsman - 55/11935

NOTES: