

XM343 STANDOFF ACTIVATED VOLCANO OBSTACLE (SAVO)



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FACT SHEET



KEY FACTS:

The Standoff Activated Volcano Obstacle (SAVO) provides an interim bottom attack capability to address the Army's directed close tactical obstacle capability gap. SAVO provides the doctrinally required 18-22km per division of directed obstacle capability to replace the lost persistent row minefields in a deliberate defense.

SAVO can provide maneuver commanders with a recoverable and reusable tactical obstacle capability in the engagement area obstacle. This capability will allow for the formation of pre-emplaced directed obstacles that can be initiated remotely via fielded wired or wireless initiation systems. SAVO can block, turn, fix and disrupt enemy formations in accordance with the commander's ground tactical plan. If the emplaced obstacle is not initiated, SAVO can be recovered for future re-deployment.

Capabilities/Characteristics:

- New capability against Near-Peer Threats
- Hand emplaced, one-man portable
- 80m x 80m coverage with single SAVO baseplate
- Remotely initiated via fielded wired or wireless initiation systems (Spider, RAMS, Blasting Machine, XM204)
- Utilizes current inventory M87/M87A1 scatterable mine canisters
- Recoverable and reusable pre-launch
- Rapid emplacement
- Employed life of up to 6 months
- Interfaces with Interim Top Attack to create a complex obstacle

Stakeholders:

- U.S. Army
- PM CCS within Joint Program Executive Officer for Armaments and Ammunition
- Maneuver Support Center of Excellence
- Combat Capabilities Development Command Armaments Center

Industry Partners:

- Northrop Grumman Defense Systems

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<https://jpeoaa.army.mil/Project-Offices/PM-CCS/>

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