

ANTI-PERSONNEL OBSTACLE BREACHING SYSTEM



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SECURING THE FUTURE

ANTI-PERSONNEL OBSTACLE BREACHING SYSTEM (APOBS) MK 7 MOD 2

APOBS is a self-contained, one-shot, expendable linear demolition charge, capable of safely clearing a footpath through anti-personnel mines and multi-strand wire obstacles.

One APOBS can clear a pathway 45 m in length by 0.6–2.0 m in width. The same pathway would take 27 sections of Bangalore Torpedo to clear. APOBS can be easily transported and deployed by a two-person team. This lightweight system is carried in two backpacks and a small, soft pack with a combined weight of 125 lbs and a setup time of under two minutes.

APOBS' rocket motor can be initiated using either "Delay Mode" or "Command Mode". Line charge detonation occurs approximately 10 seconds after launch.

APOBS meets the Insensitive Munition (IM) safety and hazard standards defined in MIL-STD-2105, and also meets the fuze board safety requirements of MIL-STD-1316. The Forward and Alt Fuze provides safety redundancy. The system meets Hazards of Electromagnetic Radiation to Ordnance (HERO) requirements, using no electrically initiated devices. The environmentally sealed shipping and storage container and backpacks ensure a long shelf life.

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SPECIFICATIONS

Obstacles defeated:	AP mines, IEDs, command wires, pressure plates, multi-strand razor wires, fences, barricades
NSN:	1375-01-508-4975
Length of breach:	45 m
Width of breach:	0.6–2.0 m
System weight:	125 lbs (56 kg)
Deployment time:	30–120 seconds
Standoff distance:	35 m
Explosive types:	Grenade, PBXN-10 Det. Cord, PBXN-8
Shelf life:	15 years min.
Service life:	12 years min.

SHIPPING

Proper shipping name:	Articles, Explosive N.O.S
Hazard class:	1.1E
UN number:	0468
Shipping weight:	230 lbs
Packing:	2 units per stackable pallet
Pallet dimensions:	762 x 1,118 x 1,080 mm
Pallet weight:	587 lbs



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