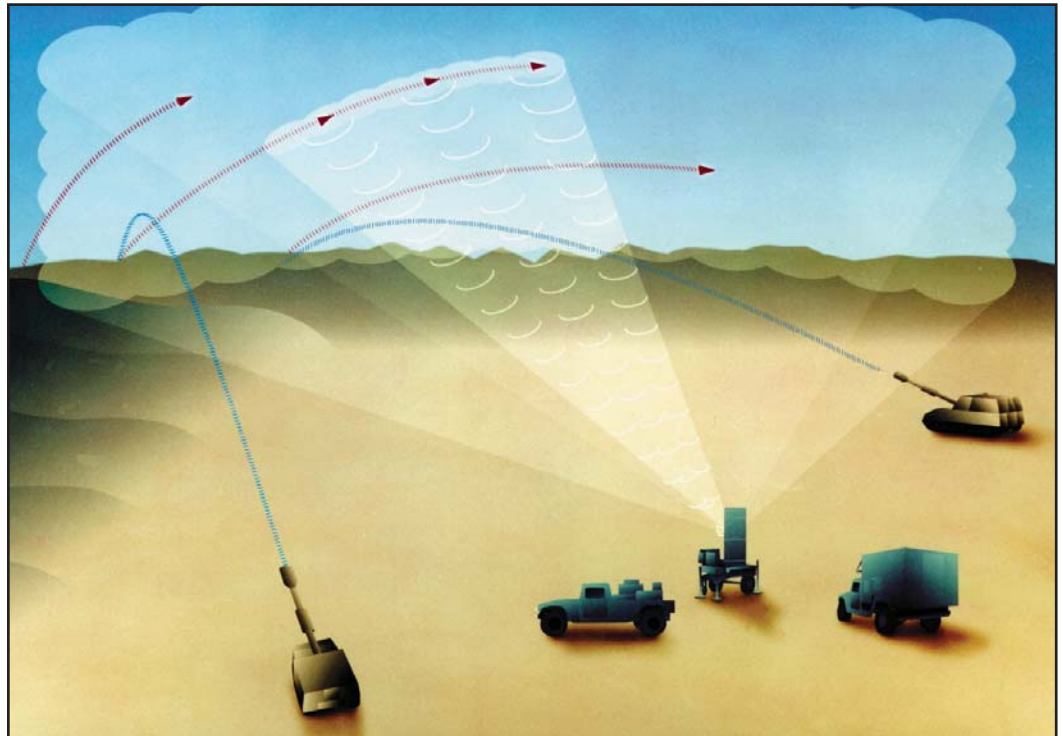


Firefinder AN/TPQ-36(V)10 Improved system performance and lower life cycle cost



Firefinder is an integrated radar system that detects and tracks hostile mortar rounds, artillery shells and rockets, instantaneously locating their source.

The Firefinder AN/TPQ-36 Electronics Upgrade can be applied to all AN/TPQ-36 radars to enhance performance and greatly improve the operator's environment. The upgrade kit introduces a new lightweight multipurpose shelter with more operating space and replaces 1970's computer processing capability with a modern radar processor and lightweight computer. Greater processing power and the addition of a low noise amplifier to the radar antenna improves detection range (by up to 50%) and performance accuracy against certain threats.

System Features

- Mobile ground-based radar provides automatic, fast and accurate locations of artillery, mortars and rocket launchers.
- Handles simultaneous fire at multiple locations, detecting and reporting positions on the first round.
- Supports rapid deployment missions: C-130 transportable and ground mobile on HMMWV vehicles.
- Firefinder (V)10 extends system performance, improves operator survivability and lowers life cycle cost.

Firefinder (V)10 is housed in a lightweight multipurpose shelter that is compatible with existing antenna/transceiver group hardware and power sources. The new shelter is available on HMMWVs and can be mounted on a variety of alternative vehicles. Operator survivability is significantly improved with a 100 meter remote capability using the Control Display Terminal.

Firefinder (V)10 is in production for the U.S. Army and U.S. Marine Corps for 172 new systems to be delivered from 1997 through 2010.

Specific Improvements

- Extended radar/weapon range
- Reduced false location rate
- Increased Projectile Classification Accuracy
- Increased survivability
- Modern Windows-based operating system
- Communicates on digitized battlefield

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Specifications and features subject to change without notice.



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