Radar (Dagger) - Rapier

Oman

Type: Mobile Vehicle(s)
Commissioned: 1998
Operator: Army
Length: 4 m
Width: 6 m
Crew: 0



Sensors / EW:
- Dagger - Radar, Radar, Target Indicator, 3D Surface-to-Air, Max range: 33.3 km

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OVERVIEW: The Dagger is a short-range, mobile 3-D target acquisition and surveillance radar operating in the J-band.

DETAILS: The Dagger multi-beam high resolution 3D radar. Weapon systems associated with the Dagger are the Rapier SAM.

Specifications:

Frequency: unknown GHz (J Band)
Power output: unknown kW(average); kW (peak)
PRF: unknown pps
Range Resolution: unknown (range), unknown degrees azimuth
On/Off time: unknown
Deploy/Stow Time unknown

Detection Range:

Max Range: > 15 km. 32 km instrumented range

NOTES: The system is air, road, and helo transportable.

SOURCES: The British Army http://www.armedforces.co.uk/army/listings/l0120.html ; Wikipedia: "Rapier (missile)"

http://en.wikipedia.org/wiki/Rapier_%28missile%29 ; "Radar Basics." Grundlagen Der Radartechnik. Accessed March 25, 2015. http://www.radartutorial.eu/19.kartei/karte430.en.html.