



TPS-79 Tactical Military Air Traffic Control Radar

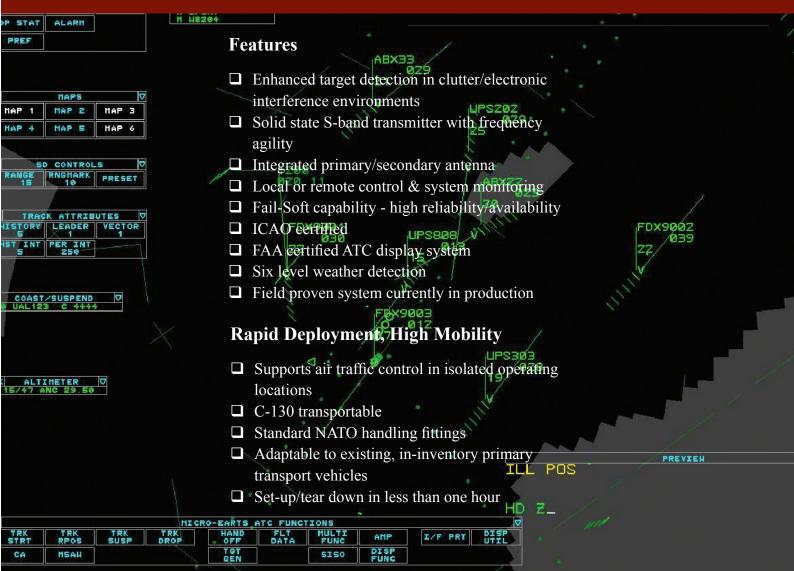








TPS-79 - Operationally Proven, In-Production Air Surveillance Capability





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Performance

Frequency: S-Band 2.7-2.9 GHz

Peak Power: 21 kw

Signal to Clutter: > 42 dB SCI

Detection: > 80% on lm^2 @ 80 nm (12.5 rpm)

> 80% on $2m^2$ @ 102 nm (6 rpm)

Altitude: 26,000 ft (12 rpm)

32,000 ft (6 rpm)

Azimuth: 360°

Elevation: 0° to 30°

Range: 0.5 - 80/102 nm

Update Rate: 4.8 sec/10 sec Target Capacity: > 700 targets MTBCF: > 1,250 hours

Availability: > 0.99

Deployment: < 60 minutes