

MARTIN



FPS-117 Long-Range Radar System

Radar Characteristics

General Characteristics

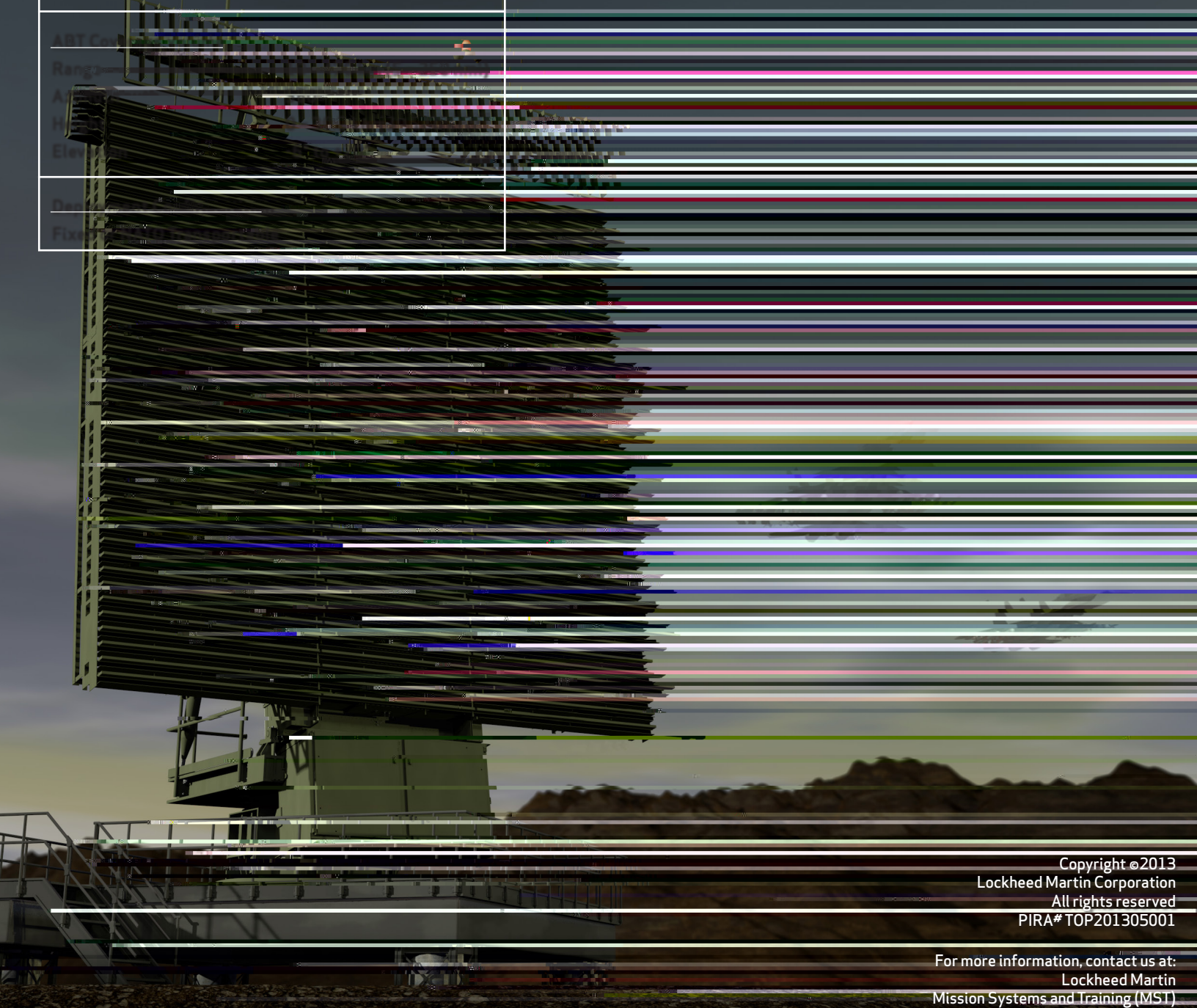
Frequency Band (D/L) - 1215 to 1400 MHz
Active Electronic Elevation Scanning Array
Solid State Transmitters

Antenna Characteristics

RF Power

Peak RF Power 1.2 MW
Average RF Power 1.2 MW
Antenna Aperture Size 52.6 m² (570 sq ft)
Number of Active Rows 44
Scan Rate 3 or 6 rpm

ART Capability
Range 300 nautical miles
Elevation 10 to 15 degrees
Data Link
Fixed



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