

0630-EX-PL-2006 X Band Radar Technology

Demonstrator

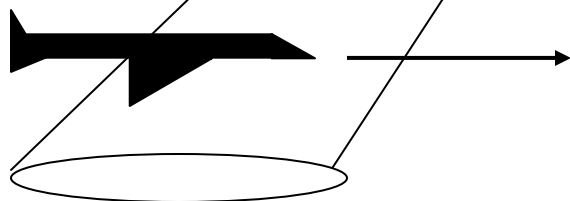
PICTORIAL LINE DIAGRAM

Frequency Range 8.5 GHz
to 9.0 GHz centered at 8.75
GHz. Frequency Range 9.2
GHz to 10.5 GHz centered
at 9.85 GHz

Raytheon RMT Testbed >>

The RMT has a portside
mounted radar set behind a
portside mounted teardrop
shaped X Band radome.

GPS Sat.



Non-Scanning Air-to-Air
Detection and
Analysis Mode



Air-to-Ground mapping and
ground target detection and
analysis modes