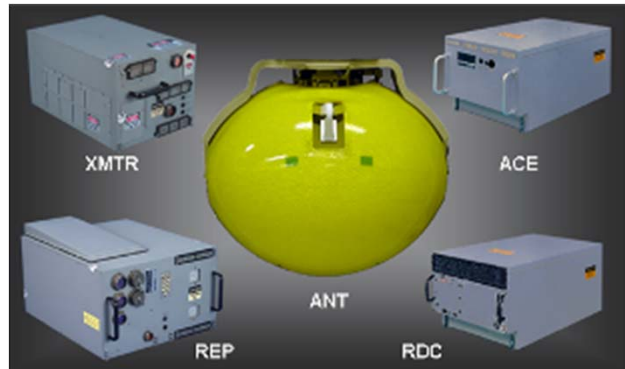


MMA-India SAR/Navigator Flight Test

APY-10(I) Radar (India P-8I)

Starting Point:
APY-10 Radar for the P-8A



Modify APY-10
Radar per Boeing
Radar SCD

- New Capabilities
- Export Restrictions



Boeing P-8I

APY-10(I) Radar for P-8I

- Modify APY-10 Radar for Export to India
 - Modify Radar navigator to remove accumulated carrier phase and revert to earlier, less sophisticated navigator
 - Remove Precision Targeting capability
 - Remove UHR ISAR capability
 - Remove 1 and 3 foot SAR capability
 - Limit performance to meet 30 meter SAR geo-location accuracy
- Add an Interleaved Weather Capability
- Add an Air-to-Air Target Detection / Tracking Capability

Test Aircraft



- Airborne Resources
Convair C-131 B
 - military version of the Convair 340
 - Built for airborne electronics equipment testing
- Design of equipment required to install radar equipment is in work