

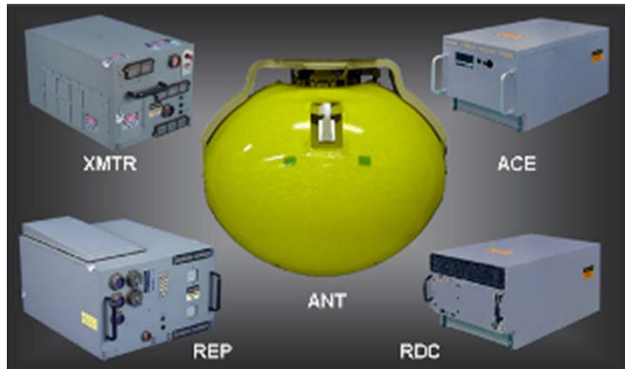
Exhibit Information

- Purpose of the license is to conduct ground and airborne test and evaluation of design modification and mode implementation of the AN/APY-10 radar which will help us ensure proof of concept for new and updated modes.
- Stop Buzzer is Henry Shipes at 214-578-7169
- Flight Level No more than 12k ft
- Antenna Gain – 34.5 dbi
- Antenna Beamwidth (Horizontal -2.40 degrees and Vertical 4.0 degree)

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

North Tx Flight Path (typ)

