Kamra Avionics and Radar Factory is engaged in the rebuilding of Mobile Pulse Doppler Radar (MPDR) System and Control and Reporting Centers (CRC) both of Siemens origin and power generators of various capacities. The rebuild involves work on the mechanical, hydraulic, electrical and electronic elements of the systems. In recent years the Factory has embarked on the production of airborne avionics systems in collaboration with foreign manufactures.

RADAR WARNING RECEIVER (BM / KJ 8602)

Technical Characteristics of RWR

Warning Spatial Coverage

- Elevation ———————————— ± 30 deg
- Azimuth ———————————— 360 deg

Detection Capability

- Land / Sea and Airborne Radars, CW Radars and guidance signals.

Display Capability

- 16 top priority signals at a time Gives bearing, relative signal strength, Operational mode and priority of threat.

Processing Time

- Less than one second
ECM Interface
  o The system can operate in conjunction with ECM units and chaff / flare dispensers for self protection

Physical Characteristics
  o The system is compact and light weight.

LASER Altimeter, AA 3
  ▶ Provides low altitude accurate measurements above ground
  ▶ Retrofit on helicopters / fighter aircraft
    o Range 200 – 9000 ft
    o Accuracy 10 ft
    o Weight 2.0 Kg
    o Ruggedness Mil-STD-810D

Airborne R / T set, ARS 134
  ▶ Airborne R / T set, ARS 134
  ▶ Modes:
    o AM, FM,
    o Digital Speech,
    o ECCM (Hop and / or Encryption)
    o Rebroadcast (AM, FM)
    o Frequency Hoping & Encryption
    o Data Communications
  ▶ Power:
    o AM 2.5 / 10 W
    o FM 4.0 / 15 W

HUD Combiner Glasses
  ▶ HUD Combiner Glasses for Fighter Aircraft MIL-STD 810D