

# AVIONICS AND RADAR PRODUCTS

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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 \_\_\_\_\_  $\pm$  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**

- The system can operate in conjunction with ECM units and chaff / flare dispensers for self protection

### **Physical Characteristics**

- The system is compact and light weight.

### **LASER Altimeter, AA 3**

- ❖ Provides low altitude accurate measurements above ground
- ❖ Retrofit on helicopters / fighter aircraft
  - *Range* *200 – 9000 ft*
  - *Accuracy* *10 ft*
  - *Weight* *2.0 Kg*
  - *Ruggedness* *Mil-STD-810D*

### **Airborne R / T set, ARS 134**

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

### **HUD Combiner Glasses**

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