

# AN/ALR-56C Radar Warning Receiver

## BENEFITS

Coordinated warning and self-protection yields increased survivability

### **AN/ALR-56C Radar Warning Receiver System**

- The ALR-56C family is installed in all U.S. Air Force F-15A/E aircraft and Royal Saudi Air Force F-15s
- Situational awareness and warning component of F-15's fully integrated Tactical Electronic Warfare System (TEWS)
- Effectiveness proven via continuous operational testing and tactical aircraft combat operation
- More than 1,000 ALR-56C systems ordered by the USAF and RASF

Expanded situational awareness for increased survivability

Capability to detect and identify modern threat radars in dense environments

Integrated operation with jammer, countermeasures dispenser, and other aircraft avionics

Detects and identifies modern search, acquisition, and tracking radars of ground-based or aircraft weapon systems

Provides reliable threat warning for effective countermeasure response

User-reprogrammable

Fully operational and supported-combat proven



## SYSTEM FEATURES

Computer-controlled, wide-band, agile, superheterodyne receiver architecture

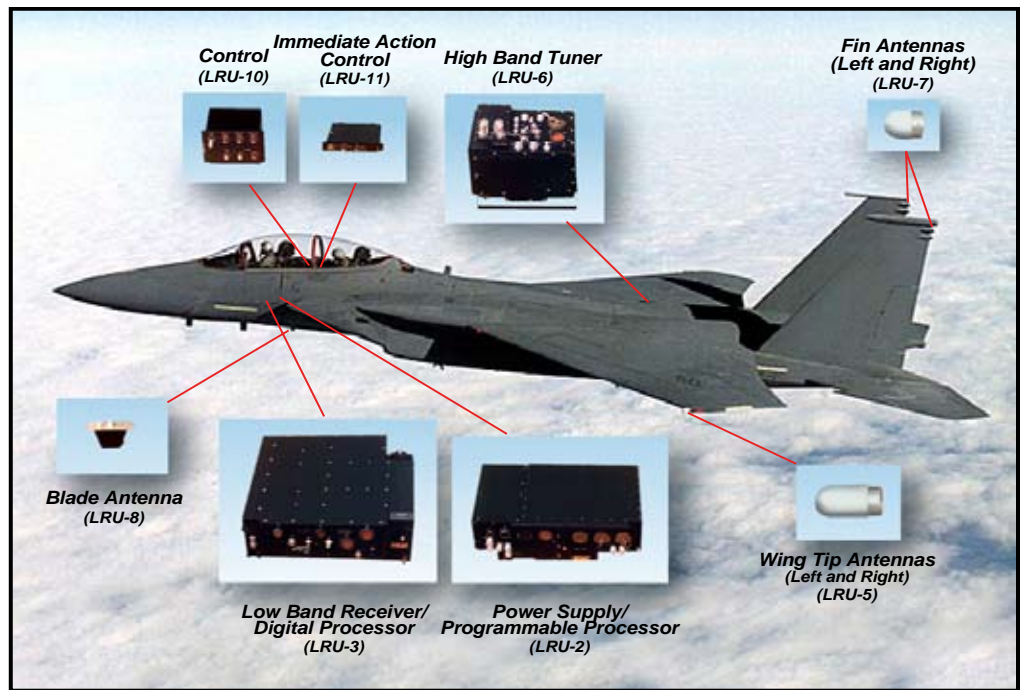
Automatically adapts selectivity and sensitivity to threat environment

Reliable detection and digital preprocessing eliminates non-threat RF signals

Adaptive high-speed digital signal processing

Continuous built-in test and calibration with in-cockpit reporting

Capability growth (e.g., dual pole, mmW, precision location, identification)



## FOR MORE INFORMATION, CONTACT:

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