

AN/ALR-56C RADAR WARNING RECEIVER

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



Benefits

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

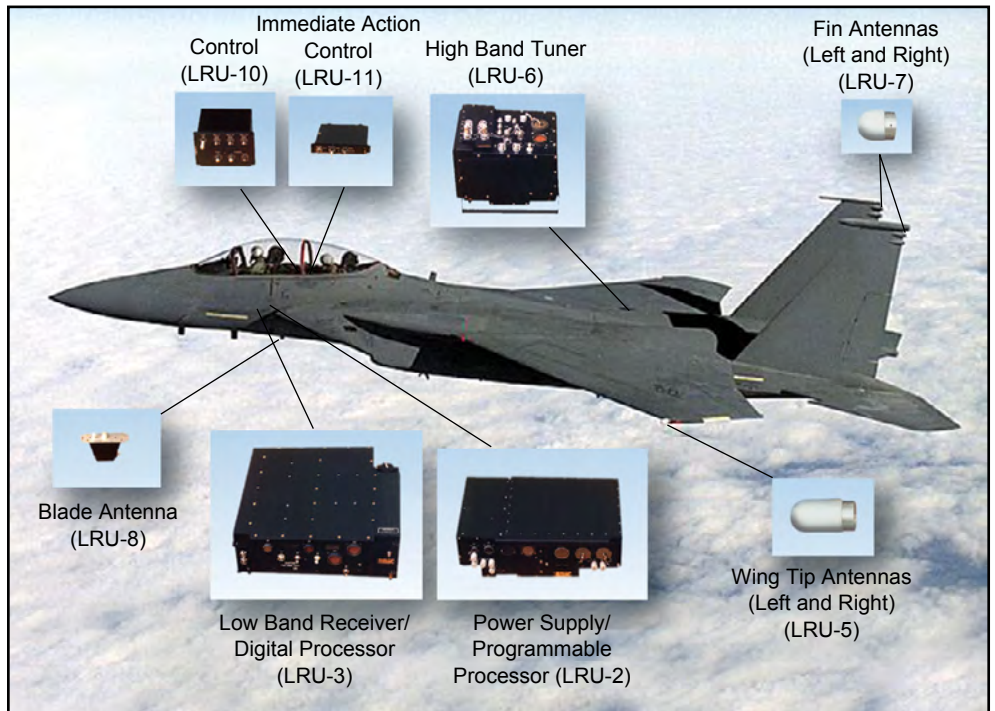
Provides reliable threat warning for effective countermeasure response

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

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