

Radar warning receiver

AN/ALR-56C digital upgrade

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The AN/ALR-56C digital upgrade (DU) was designed to provide the F-15C/D/E aircraft with advanced radar warning receiver capability. It's a key part of the F-15 tactical electronic warfare suite. The ALR-56C DU rapidly detects radar-based sea, land, and air threats in a dense environment including advanced threats and provides situational awareness to the aircrew. It enables countermeasure resources to be properly applied and is compatible with the aircraft jammer.

Designed for the future

The ALR-56C DU provides the latest hardware, software, and firmware needed to detect today's threat and built for tomorrow's advanced threats. Engineered to fit other fast and large military aircraft, the ALR-56C DU is currently planned for a U.S. Air Force F-15 installation. Unrivaled electronic warfare capabilities available today.

Features and benefits

- Improved situational awareness for increased survivability.
- Ability to rapidly detect and identify modern advanced search, acquisition, and tracking radars of ground-based and/or aircraft weapon systems in dense environments and integrated operation with countermeasures dispenser provides enhanced protection for the warfighter.
- Fast Ethernet allows for interoperability with active electronically scanned array radars.
- User programmability via the Fast Ethernet permits system threat changes after delivery using the latest threat information.
- High mean time between failures improves electronic warfare system survivability.
- Bulk removable memory storage allows easy access to flight data for post-mission analysis.
- The ALR-56C DU provides the ability to add additional features to enhance protection.



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