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
BAE Systems
P. O. Box 868, NCA1-5707C
Nashua, N.H. 03061-0868
Telephone 603 885 6065
Fax 603 885 9068
www.baesystems.com
Cleared for open publication on 02/01

Disclaimer and copyright
This document gives only a general description of the product(s) and service(s) and, except where expressly provided otherwise, shall not form any part of any contract. From time to time, changes may be made in the products or the conditions of supply.

BAE SYSTEMS is a registered trademark of BAE Systems plc.
©2013 BAE Systems. All rights reserved.
CS-13-G25