

THE VALUE OF PERFORMANCE.

**NORTHROP GRUMMAN**



## **AN/AAR-47 Missile Warning System**

*Multi-Threat Detection: Missile, Laser and Hostile Fire*

The AN/AAR-47 is an electronic warfare system designed to protect aircraft against IR guided missile threats, laser-guided / laser-aided threats and unguided munitions. Upon detection of the threat, the system will provide an audio and visual sector warning to the pilot. For IR missile threats, the system automatically initiates countermeasures by sending a command signal to the Countermeasures Dispensing Set.

### **AN/AAR-47 System Offers:**

- Multi-threat warning in one fully integrated system including a fielded, combat deployed system that detects unguided munitions
- Low False Alarm Rate
- High Probability of Timely Warning
- Sensor pre-processing for improved performance in high clutter environments
- In service on a wide variety of fixed and rotary wing aircraft
- Proven performance and reliability in prolonged and demanding combat environments
- 15-Year Service Life

### **Facts At A Glance**

Installed on a wide number of aircraft:

- U.S. Navy and Marine Corps:  
AH-1W/Z, UH-1N/Y, CH-53D/E, HH/SH/MH-60, P-3, C-130, CH-46, V-22
- U.S. Air Force:  
C-5, C-141, C-17, MH-53J, HH-60G, C-130E/H/J, HC-130N/P, A-10, C-27J
- U.S. Army:  
DHC-7, MH-47E, MH-60
- Other:  
S-61/SH-3, AH-6/MD-530, C-12, AW-139, B212/214/412, DHC-8, HB-350, CN-235, BT-67, C208

Interfaces with the following equipment:

- Radar Signal Detecting Set – AN/APR-39
- Countermeasures Dispensing Set - AN/ALE-39, AN/ALE-40, or AN/ALE-47
- Multi-Function Display cockpits
- Pilots Intercom System

Small and lightweight:

- Computer Processor (CP) is approx. 8x8x10 inches and weighs approx. 16.25 lbs.
- Control Indicator (CI) is approx. 2x5x6 inches and weighs approx. 2 lbs.
- Optical Sensor Converters (OSC) are approx. 5x8 inches and weigh approx. 3.5 lbs each.

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