



# AN/AAQ-24(V)

Available Now for Fixed-Wing, Rotary, Tiltrotor, and Unmanned Aircraft

## Modular, Scalable System Protects a Wide Variety of Aircraft

The AN/AAQ-24(V) Directional Infrared Countermeasure (DIRCM) system is flexible and adaptable to numerous airframes and is installed on more than 85 aircraft types and over 1,500 individual aircraft. The AN/AAQ-24(V) is slated for installation on additional large and small fixed-wing, tiltrotor, rotary and VIP platforms.

## Worldwide Contracts and Customers

The AN/AAQ-24(V) is the world's most widely deployed laser DIRCM system and is in operational use by numerous international customers.

## Demonstrated Benefits

- Tracks and defeats multiple threats in clutter environments
- Fast, accurate threat detection and jamming in all current IR threat Bands (I, II and IV)
- Counters fielded IR missile threats using a combat-proven universal jam waveform

- Does not require the complementary aircraft maneuvers of a flare-based system
- All-weather, all-altitude operation
- Complete end-to-end self-testing features reduce life-cycle maintenance
- Provides an inexhaustible source of countermeasures
- Compatible with standard flare dispenser systems (for flare-only configurations)
- Compatible with existing support facilities

## Installations Tailored to Your Platform, Mission and Budget

The Northrop Grumman AN/AAQ-24(V) DIRCM is a modular scalable system comprised of a family of proven components that can be mixed and matched to protect a wide range of large and small fixed-wing, tilt-wing, rotorcraft, UAS, and VIP platforms from IR missiles.

One to three Guardian Laser Transmitter Assemblies (GLTA) and five to six missile warning sensors can be installed to provide up to full spherical coverage.

The AN/AAQ-24 is a laser-based Infrared Countermeasures system. Northrop Grumman selects from a modular, proven family of transmitters, jammers and missile warning systems to provide a customized installation best able to meet your specific platform, mission and budget requirements. Upgrades to existing systems are easy to install without further modifications to the airframes. AN/AAQ-24(V) is continuously advancing to provide superior protection for the future fight.

**Programmable High Capacity Cards for Platform/User Customization**

High Capacity Cards (HCC) enable the user to tailor each AN/AAQ-24(V) installation for:

- Techniques and jam codes
- Reprogramming
- Maintenance
- Aircraft configuration

**Autonomous or Integrated Operation**

- Operates as a “federated” system using the AN/AAQ-24(V) Control Interface Replacement Unit (CIUR) as the pilot interface
- Operates as an autonomous subsystem within an aircraft’s defensive suite with information displayed on existing multi-function displays



Combat proven modular system customizable for the platform

LRU	Length (in)	Width (in)	Height (in)	Weight (lb)	A/C Power (W)
Processor	20.3	7.7	7.7	36.4	377
GLTA w/Laser		13 dia	14	60	750*
MWS Sensor	6.8	3.5	3.5	6.5	60**
CIUR	8.8	5.8	1.8	3.5	37

\*1700W Instantaneous Peak power; 580W standby mode.

\*\*90W Peak