

# Self-Protection ECM Jamming Pod

ELL-8212 & ELL-8222



*Where Courage Meets Technology™*

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Self-Protection Electronic Countermeasures (ECM) Jamming pods (ELL-8212 and ELL-8222) enhance survivability by protecting fighter jets and other military aircraft against simultaneous Air-to-Air (A/A) and Surface-to-Air (S/A) threats in dense radar-guided weapons system environments.

The pods are small, lightweight (100 kg), low drag and are conformed to the shape of A/A missiles making it easy to install on outer-wing stations. Simple and flexible mechanical and electrical interfaces allow them to be installed on a large variety of aircraft types.

Threat libraries and jamming techniques can be quickly and easily re-programmed or updated on the flight line using a laptop PC with a user-friendly interface. Replaceable components and processing boards allow for easy maintenance.

Hundreds of the pods are deployed worldwide on combat aircraft, including the F-4, F-5, F-15, F-16, F-18, F-111, A-4, Kfir, Jaguar, Sea-harrier, MiG-21, MiG-27, MiG-29 and others.

## Features

- Autonomous threat handling based on pre-defined large repertoire of jamming techniques
- Full protection against all radar guided threats
- Maximization of jamming resources in time, frequency and direction
- High RF sensitivity and ERP
- Easily configured for different aircraft
- Simple installation and maintenance - low life cycle cost
- User-friendly programming and mission debriefing capabilities
- High reliability and MTBF

## Qualified for:

- Installation on A/A missile weapon stations (Sidewinder equivalent)
- Operation in full aircraft flight envelope (G load, velocity, etc.)

