



AW101



C130J



ELT/572 FIBER-LASER TURRET

ELT/572

DIRCM
SYSTEM

The ELT/572 DIRCM (Directional Infrared Counter Measures) system belongs to the family of Elettronica ir-based ecm systems, designed to provide a reliable and effective protection of rotary and fixed wing aircraft against current and future manpads threats.

The system has already been integrated with a wide range of missile warning system (mws), ranging from uw to ir based systems. The system's flexible architecture enables easy installation into a sps which already includes a mws system, both legacy and modern.

The ELT/572 is able to effectively counter threats up to the third generation of sa ir. Its fiber laser technology enhances dircm effectiveness by improving performance, reliability and efficiency, reducing the installation constraints and the even more critical and complex setting-up, alignment and maintenance operations.

The ELT/572 is composed of three units: the mirrored turret, the laser generator unit and the electronic unit. In dual turret configuration, the two dircm systems are correctly coordinated by means of a specifically designed multi-turret manager (patent pending): a function deployed in each subsystem and activated only in one subsystem at a time (the master subsystem) which is in charge of effectively coordinating the two sub-systems.

SYSTEM HIGHLIGHTS

- Fast, effective and reliable neutralization of present and future manpads (adaptable to threat evolution)
- Prompt and effective reaction to counter multiple and even simultaneous threats
- Integration with mws and other onboard systems (dass) and ew controller
- Rugged design for airborne environment
- Flexible and modular installation
- Low life-cycle costs
- Wide spatial coverage (well beyond the hemispherical sector) also with a single turret
- Compact, light-weight
- Minimum drag of the external unit (only part of the turret), no moving parts exposed to air stream

PRODUCT SUPPORT

The ELT/572 is fully supported by a complete set of product support equipment that includes:

- Logistic Support for through-life maintenance and repair
- User-controlled Operational Support for system set-up and update against new threats
- IR test bed

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