



C27J



NH90

RECEIVER AND PROCESSING UNIT



DF MODULE



ANTENNA UNIT

ELT/741

ESM

SYSTEM

The ELT/741 family of light Electronic Support Measures provides tactical surveillance and self-protection capabilities for both fixed and rotary wing aircrafts.

Even in operational scenarios characterized by high density electromagnetic environments, the **ELT/741 provides** timely and reliable information on both the most advanced and legacy radars, which can be equally used by either friendly or hostile forces.

The ELT/741 ESM system can incorporate an EW controller function, coordinating multiple sensors and actuators, thus operating as a node within a tactical network to contribute to a common operational picture in Net Centric Operations.

SYSTEM HIGHLIGHTS

- Very High Interception Probability
- Full azimuth coverage
- Wideband radio frequency coverage (C to K bands)
- Automatic warning of high priority emitters
- Dedicated functions for data collection, recording and accurate processing
- Fast and unambiguous threat identification exploiting all of the measured emission parameters (e.g.: FREQ, PW, PRI, TOA, ARP, MOP)
- Capability to operate also with raw data libraries (mission data)
- Automatic analysis, classification, display and recording of even unknown emissions (not pre-loaded in the library)
- Capability to operate as an EW Controller that exploits/performs functions for multi-sensor coordination
- Lightweight
- Flight line re-programmable
- Easy field maintainability (LRU philosophy).

All versions can be interfaced with multi-function displays and integrated with ECM systems and platform data bus.

PRODUCT SUPPORT

The ELT/741 family is fully supported by a complete set of product support equipment that includes:

- Field test equipment
- Ground support equipment
- Automatic test equipment
- Library programming
- Library loading/unloading

