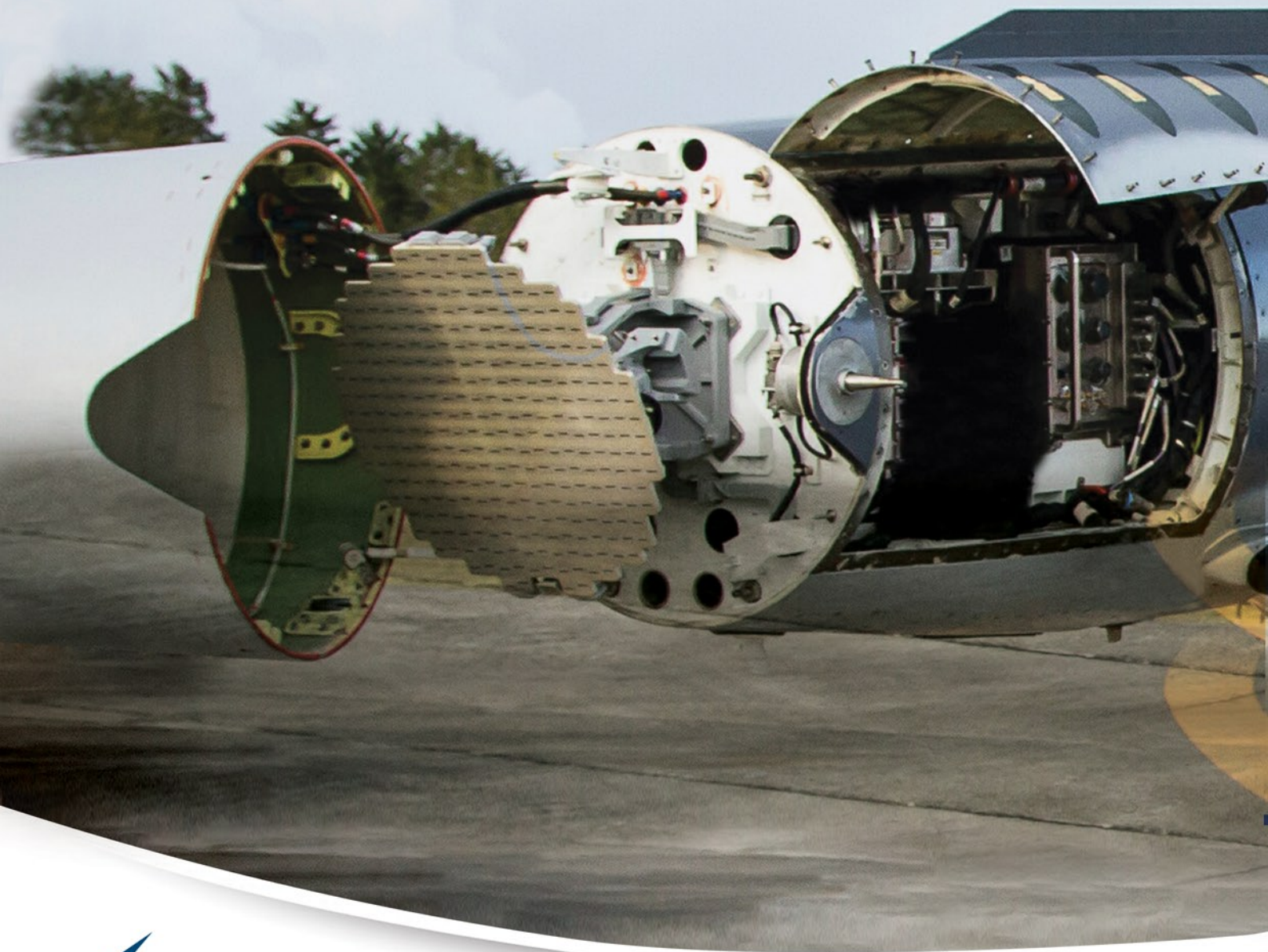


MULTIMODE AIRBORNE FIRE CONTROL RADAR

ELM-2032



Where Courage Meets Technology

Multimode Airborne Fire Control Radar

ELM-2032

The ELM-2032 is an advanced multimode airborne Fire Control Radar (FCR) for multi-mission fighters, oriented for air-to-air, air to sea and strike missions. The radar comprises three modules (Transmitter, Receiver Processor and Antenna) which can be customized and configured to fit all types of fighter aircraft's nose cones (such as FA-50, F-5, Mirage, MIG 21 and more).

Features

- Pulse Doppler, all aspect, look-down shoot-down capabilities
- Low sidelobe planar antenna
- Monopulse and guard channels
- Programmable Signal Processor (PSP)
- Supports all avionic interfaces
- Full software control
- Small size, very light weight, very low power and cooling resources requirements

Operational Modes

Air-to-Air (detection and tracking range up to 80 NM)	Air-to-Ground (surface target detection up to 80 NM)	Air-to-Sea (detection, tracking and classification up to 160 NM)
Range While Search (RWS) Single Target Track (STT) Track While Scan (TWS) Situation Awareness Mode (SAM) Dual Target Track (DTT) Raid Assessment (RA) Air Combat Modes (ACM): <ul style="list-style-type: none">• Vertical Scan• Slewable ACM• HUD ACM• Boresight• Adaptive Boresight	High resolution mapping - SAR mode with 3000x3000 image pixels SMTI over RBM or SAR SMTT over RBM or SAR Real Beam Map (RBM) Air-to-Ground Ranging (AGR) Beacon (BCN) Weather (WA) Terrain Avoidance	Sea Search (SS) Sea Targets TWS Sea Target Continuous Track (STCT) Inverse SAR (ISAR) Sea Target Classification Range Signature (RS) Sea Target Classification