

SEER

ADVANCED RADAR WARNING RECEIVER

ELECTRONICS DIVISION



ELIMINATE UNCERTAINTY - REACT AND SURVIVE

SEER is a modular, high performance Radar Warning Receiver (RWR) providing sophisticated protection from radar threats. Through the early detection of RF signals emitted from active radar systems, SEER allows a platform to evade a threat using appropriate countermeasures and manoeuvres.

Available in E-J, C-D, E-K configurations, SEER is compatible with multi-mission displays and is easily installed onto a wide range of airborne platforms.

SEER reduces a pilot's workload by efficiently identifying, categorising, discriminating and reporting radar threats. This ensures that correct countermeasures can be deployed and pilot and platform safety is increased.

KEY FEATURES

- › Lightweight
- › Low power requirement
- › Scalable configurations
- › Suitable for all platforms
- › Long range detection
- › Wide frequency coverage
- › Excellent parameter measurements in dense RF environments
- › Simple integration

OPERATIONAL BENEFITS

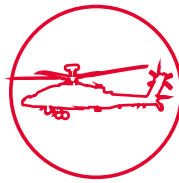
- › SEER is proven, mature, in service and easy to integrate
- › Suitable for new builds or retrofits
- › Cost effective means of overcoming an RF platform deficit
- › Improved situational awareness
- › Provides timely and efficient Countermeasure (CM) selection
- › Easy to program with EWOS tools

ELECTRONIC WARFARE OPERATIONAL SUPPORT (EWOS)

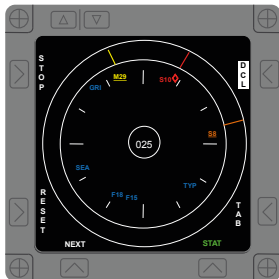
Give your platform the best possible protection with EWOS. Our world class provision includes:

- › Threat Vulnerability Analysis and Countermeasure Development (TVACD)
- › Comprehensive training packages
- › Simple programming
- › Data and configuration management tools
- › Sovereign capability development

OPTIMISED FOR



Threat Display



Signal Processor Unit

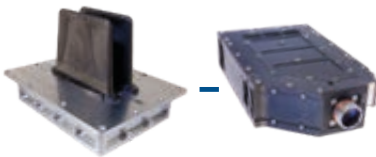


E-J band antennas



Digital Detector Heads

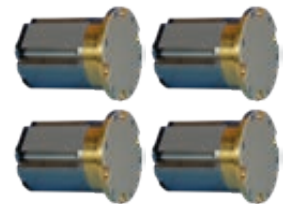
C-J Band extension antennas



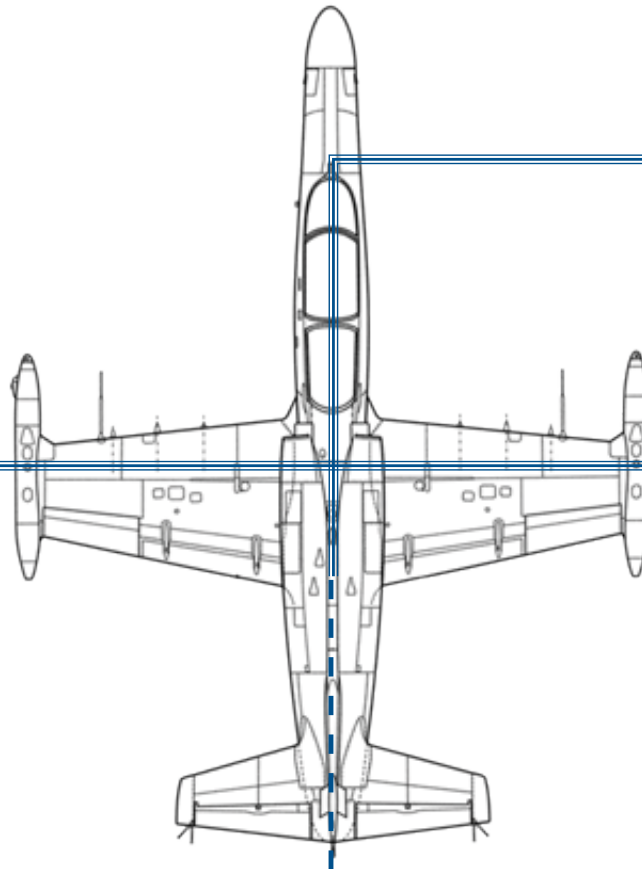
E-J band antennas



Digital Detector Heads



E-JK Band extension antennas



TECHNICAL SPECIFICATION

- › Frequency coverage: C-K band
- › Direction finding: < 10° RMS
- › Detection: Pulsed, pulse doppler, CW
- › Pulse characteristics: Stable, all agile types
- › Pulse width: > 50ns (including agile)
- › Sensitivity: Typically -55 to -60dBm
- › Frequency measurement: < 10MHz
- › Mission recording capacity: > 20 hours
- › Weight: 11 Kg (E-J Band Coverage)
- › Power: 200W RMS
- › Controls and Display: Aircraft MFD or Dedicated Display (see below)
- › Full Data Recording: Dedicated Data Transfer Unit or via EW Controller (where fitted)

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