



SEER A DIGITAL RWR FOR MODERN FIGHTERS

THE REQUIREMENT

In the modern battlespace it is critical that fixed wing platforms are fitted with a high quality radar warning receiver (RWR). The challenging electromagnetic environment of the 21st century requires a new generation of RWR with enhanced processing power, capable of identifying and prioritising complex RF signals in a hostile threat environment. This enhanced situational awareness significantly increases aircraft survivability.

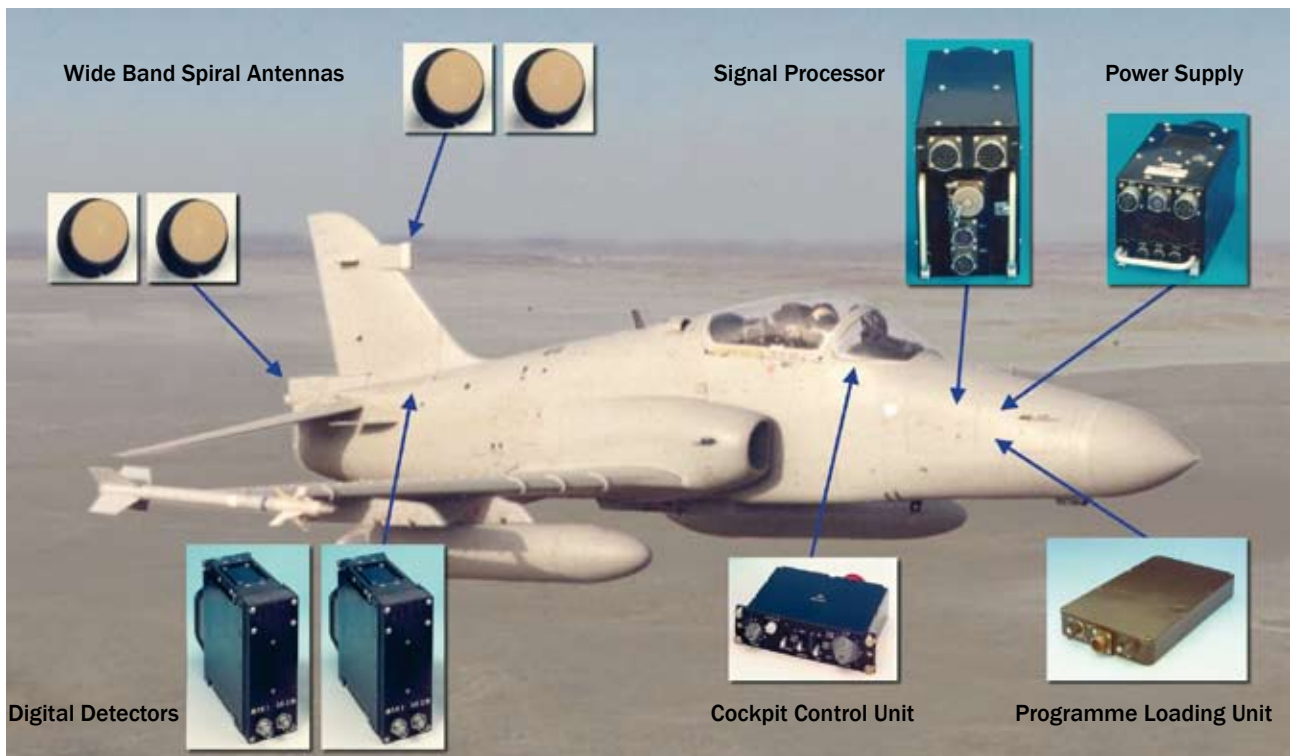
THE SOLUTION

SEER the next generation RWR has the capacity to meet and exceed the modern complex requirement by utilising the benefits of a digital receiver. It is essential for evading threats, increasing aircraft survivability and improving the probability of mission success. The RWR exploits established SELEX Galileo digital and microwave electronic technology with improved sensitivity and processing power.

KEY BENEFITS

- High performance, low weight, low cost RWR
- Detection and identification of emitters in complex radar environments
- Significant increase in platform survivability
- Low false-alarm rate
- Reduced life-cycle costs
- Long detection range
- Compatible with existing Hawk class A wiring
- Full operational support
- Multiple mission data sets.

SEER - a digital RWR for modern fighters



SEER - a drop in replacement for SkyGuardian 200 series

TECHNICAL SPECIFICATIONS

Frequency Coverage

E-J Band (Expandable to C/D and K bands)

Direction Finding

<10° rms

Detection

Pulsed, Pulse Doppler, CW

Pulse Characteristics

Stable, All agile types

Pulse Width

> 50ns (including agile)

High Sensitivity

< -55 dBmi

High Accuracy Frequency Measurement

< 10 MHz

Mission Recording Capacity

>20 hours

Cockpit Display

MFD or dedicated

SEER is form/factor compatible with SG200 series giving a seamless upgrade route for existing customers, whilst also offering a high quality RWR for new build platforms.

This new solution will also provide improved supportability, replacing some critical items with more reliable modern electronics, with overall life-cycle costs being substantially reduced.

SEER - OPERATIONAL ADVANTAGES

- Significantly enhanced detection range
- Sophisticated identification and signal sorting, for operation in a modern threat environment
- Reduced life-cycle costs through improved reliability and supportability
- Flight line programmable threat library
- Future growth options
- Competitive acquisition cost
- Operational independence.

SEER has an associated complete support package. The Electronic Warfare Operational Support (EWOS) capability includes an easy-to-use PC based mission data generator. This allows users to prepare their own mission data sets (MDS) and adapt them for their specific uses. The package includes training necessary to utilise the benefits of this facility. This capability can be transferred to the customer or SELEX GALILEO can offer the service of preparing and maintaining MDSs directly.



SEER - form/factor replacement for SG200 series

For more information please email sales.marketing@selexgalileo.com

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