SEER - ADVANCED RADAR WARNING RECEIVER

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.

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

leonardocompany.com
SEER

OPTIMISED FOR

SYSTEM COMPONENTS

![Threat Display](image1)

![Signal Processor Unit](image2)

![Digital Detector Heads](image3)

![E-J Band antennas](image4)

![C-J Band extension antennas](image5)

![E-J Band antennas](image6)

![E-JK Band extension antennas](image7)

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

TECHNICAL SPECIFICATION

<table>
<thead>
<tr>
<th>Feature</th>
<th>C-K band</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frequency coverage</td>
<td>&lt; 10° RMS</td>
</tr>
<tr>
<td>Direction finding</td>
<td>Pulsed, pulse doppler, CW</td>
</tr>
<tr>
<td>Detection</td>
<td>Stable, all agile types</td>
</tr>
<tr>
<td>Pulse characteristics</td>
<td>&gt; 50ns (including agile)</td>
</tr>
<tr>
<td>Pulse width</td>
<td>Typically -55 to -60dBm</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>&lt; 10MHz</td>
</tr>
<tr>
<td>Frequency measurement</td>
<td>&gt; 20 hours</td>
</tr>
<tr>
<td>Mission recording capacity</td>
<td>11 Kg (E-J Band Coverage)</td>
</tr>
<tr>
<td>Weight</td>
<td>&lt; 200W RMS</td>
</tr>
<tr>
<td>Power</td>
<td>Dedicated Data Transfer Unit or via EW Controller (where fitted)</td>
</tr>
</tbody>
</table>

For more information please email infomarketing@leonardocompany.com

Leonardo MW Ltd
300 Capability Green - Luton - Bedfordshire - LU1 3PG - United Kingdom - Tel: +44 (0) 1582 886000

This publication is issued to provide outline information only and is supplied without liability for errors or omissions. No part of it may be reproduced or used unless authorised in writing. We reserve the right to modify or revise all or part of this document without notice.