RTP - RECONNAISSANCE AND TARGETING POD
ELM-20600

Where Courage Meets Technology
ELTA’s ELM-20600 is an operational Reconnaissance and Targeting Pod integrating high performance Synthetic Aperture Radar (SAR) imaging, Ground Moving Target Indication (GMTI) and Sea modes. The RTP is a complete all-weather, autonomous real time system, providing high quality radar images of ground targets and terrain from stand-off ranges, regardless of the environmental conditions such as clouds, rain, fog, battlefield smoke or camouflage. The RTP supports standard aircraft pod interfaces (mechanical, discrete, video, GPS) allowing for easy and quick installation on practically any aircraft of choice.

**Main Features**
- Detection, Classification, Precision Tracking and Targeting of Ground targets
- Long range, wide area surveillance & reconnaissance
- Accurate threat geo-location
- Long Range BDA – Battle Damage Assessment
- Enhanced Situation Awareness of ±100°
- Automatic Change Detection
- Aircrew can select and designate targets of interest
- Flexible mission planning and real time target assessment
- Inflight SAR images recording capabilities

**Modes of Operation**
- Spot SAR – High resolution imaging of ground area of interest and stationary ground targets
- STRIP SAR – Fast imaging of wide ground surface strip along the aircraft ground path
- GMTI – Detection & display of moving targets over SAR image or geographical map
- GTT – (Ground Target Track) – Accurate tracking of stationary and moving targets of interest
- Sea/ ISAR– Detection, classification and tracking of seaborne targets

**System Specifications**

<table>
<thead>
<tr>
<th>Description</th>
<th>Parameters</th>
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<tbody>
<tr>
<td>Size Length / Diameter</td>
<td>220cm / 41 cm</td>
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<tr>
<td>Weight</td>
<td>Up to 180kg</td>
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<tr>
<td>Power Consumption</td>
<td>3.5 KW AC / 100 W DC</td>
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<tr>
<td>BUS</td>
<td>MIL-STD-1553B</td>
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<tr>
<td>Electrical Interface</td>
<td>MIL-STD-1760</td>
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<tr>
<td>Operating Envelope</td>
<td>0 to 40,000ft</td>
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