Saab offers a powerful C4ISTAR solution with its cost-effective airborne surveillance solutions and presents two Multi-Role Aircraft, the Saab 2000 ERIEYE AEW&C and the Saab 2000 Maritime Patrol Aircraft. The advantages are numerous: a cutting-edge yet cost-effective solution, ease of support through commonality, ease of training through common systems and interfaces and a single common platform to support.

Saab has a proud history of producing combat aircraft and ISTAR aircraft that combine outstanding performance with affordable solutions, developed to break the escalating cost curve while providing enhanced capability at an affordable price. By keeping development costs low, using known technologies and utilizing spiral development methodology, Saab stays in the lead. Our design philosophy, together with our flexible procurement and operational solutions, enable next generation ISTAR... today.
SAAB 2000
ERIEYE AEW&C

FEATURING THE HIGHLY CAPABLE ERIEYE AEW&C SYSTEM. Saab offers long-range detection of small air and surface targets, even under heavy jamming conditions. The Saab 2000 ERIEYE AEW&C is an air C4ISTAR system that enables real-time decisions by providing decision makers with fused, integrated data from the onboard package of airborne early warning & control and SIGINT systems, supported by Tactical Data Links.
ERIYE SYSTEM CAPABILITIES

ERIYE is a complete AEW&C system that has been selected by eight countries. It provides multi-role and multi-mission capabilities for both military and civilian needs.

MULTI-ROLE CAPABILITY

The capabilities of the ERIYE Mission System include:
- Air Surveillance
- Sea Surveillance
- Intelligence
- Command & Control

MULTI-MISSION CAPABILITY

Typical mission-types include:
- Air and Sea Surveillance including Intelligence
- Airborne Early Warning
- Control of own assets
- Surveillance and control of national borders, assets and economic zones
- Search and Rescue
- Alert warning
- Air policing

The extensive COM suite secures communication with participating assets and other control centres, on the ground or in the air.

SAAB 2000
ERIYE AEW&C

SYSTEM LAYOUT

EXTERNAL LAYOUT

- SIGINT and Self-Protection System
- SATCOM and Data Link solutions
- ERIYE Radar and IFF antenna

INTERNAL LAYOUT

- Lavatory
- Rest area
- Mission operator console
- Folding seat
- Auxiliary fuel tank
- Electronic Warfare (EW) equipment
- ERIYE power units
- ERIYE equipment
- Crew bunks
- Communications rack
- Galley
- Cargo

KEY FEATURES

- Max endurance of > 9.5hrs
- ERIYE latest generation radar and systems
- Enhanced maritime modes
- ERIYE Mission System
- Electronic Support Measures (ESM)
- Self Protection System (SPS)
- Data Link solutions
- Automatic Identification System (AIS)
- Platform commonality with other members of the Saab airborne surveillance family

KEY SENSORS PERFORMANCE

- Active Phased Array Pulse Doppler multi-mode radar
- Effective surveillance area of > 500,000 sq km
- Capable of combined air and sea surveillance
- Detection of hovering helicopters and small sea targets of jet ski size
- Automatic tracking of priority air targets
- Identification Friend or Foe (IFF) system
SAAB 2000 MPA

THE SAAB 2000 MPA is an advanced Multi-Role Maritime Patrol Aircraft that offers a step change in sensor technology for unrivalled ASW. Saab’s C4ISTAR system presents fused, integrated information to the operators, allowing real-time decisions to be taken. The Saab 2000 is a proven, reliable and flexible platform, ideal for long-range maritime patrol missions with high dash speed and the option of fast or slow patrol speeds for optimal mission performance. The aircraft is equipped with cutting-edge AESA radar technology, Multi Static Acoustics and comprehensive ESM and DAS payload.
SAAB 2000 MPA

THE SAAB 2000 MPA is a high-end, multi-role C4ISTAR platform, capable of achieving superior Maritime Domain Awareness through the use of its advanced sensor and equipment suite.

MULTI-ROLE CAPABILITIES
- Anti-Submarine Warfare (ASW)
- Anti-Surface unit Warfare (ASUW)
- Multi-Role Surveillance (Maritime, Land, Air)
- Search And Rescue & long-range top cover (SAR)
- Combat Search And Rescue (CSAR)
- Maritime Counter-Terrorism operations (MCT)
- Signals intelligence SIGINT
- Environmental and Fisheries patrol
- Command and Control - C4ISTAR
- Special Forces (SF) Support
- Anti-Piracy, Anti-Narcotics and Anti-People Smuggling
- Exclusive Economic Zone (EEZ) monitoring
- Equipped to serve as a command or organic asset as the situation demands

KEY FEATURES
- Equipped to take real-time tactical command, act within a force or operate as an organic asset
- Integrated sensors with tight data fusion
- Unrivalled acoustic sensors and ASW options
- State of the art AESA 360 degree multi-mode Radar
- HD Electro Optical multi-payload sensor
- Complete pre-flight planning and post-flight analysis solutions.
- Comprehensive training, support and services options

SAAB 2000 MPA

KEy performance data

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max endurance</td>
<td>&gt; 9.5 hours</td>
</tr>
<tr>
<td>Max range</td>
<td>&gt; 2,000 NM</td>
</tr>
<tr>
<td>Time on station (at 200 NM EEZ)</td>
<td>5.5 hours</td>
</tr>
<tr>
<td>Time to climb 20,000 ft</td>
<td>10 mins</td>
</tr>
<tr>
<td>Cruise speed</td>
<td>350 KTAS</td>
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<tr>
<td>Patrol speed</td>
<td>160 knots (IAS)</td>
</tr>
<tr>
<td>Take-off distance</td>
<td>1500 m</td>
</tr>
<tr>
<td>Service ceiling</td>
<td>31,000 ft</td>
</tr>
</tbody>
</table>

Mission assumptions:
ISA standard atmosphere, sea level airfield, nil wind.

Typical mission:
Position 200 NM to EEZ, patrol at 2,000 ft for 5.5 hours and reposition 200 NM back to base, hold fuel for 45 minutes holding and alternate fuel for 100 NM diversion.

Note:
Actual performance depends on specific operational empty weight.