



## NEWS FROM SAAB

20 June 2011

CUE 11-042 E

### **Saab 2000 MPA suggested for Indian MRMR to be equipped with Selex AESA radar**

**The Saab 2000 multi-role Maritime Patrol Aircraft equipped with an AESA radar and a Saab RBS 15 anti-ship missiles is being offered to the Indian Navy to meet the growing challenges in India's maritime domain stretching across 2 million square km. Combining endurance with capability, the Saab 2000 is an ideal partner for the Indian Navy's requirement of an aircraft with long range, extended time on station, fast response, long service life and anti surface warfare capabilities.**

The Saab 2000 MPA is a high performer providing lot of operational flexibilities for various operation scenarios. The Saab 2000 MPA has a cruising speed of 350 knots, it can climb to an altitude of 20,000 ft in 10 minutes, reaching operating area 1,000 nautical miles afar within three hours. It can operate from high altitude airfields, taking off with maximum load and fuel even at very hot temperatures. Flight safety is maintained throughout all flight conditions, including single engine operations, where the aircraft can maintain altitude at 20,000 ft. The Saab 2000 MPA can operate at a maximum range exceeding 2000 nautical miles, with mission endurance exceeding 9.5 hours. The Saab 2000 MPA can carry out a mission covering a 200 nm Exclusive Economic Zone (EEZ) for 5.5 hours at an altitude of 2,000 ft, or longer patrol times at higher altitudes even up to 31000 ft. The aircraft on offer comes with promised 35,000 flight hours and a guaranteed support for 25 years by SAAB.

The Saab 2000 MPA comes equipped with Saab RBS 15 anti-ship missile system. Its unique Command & Control (C2) system facilitates a seamless planning of missile launching zones, trajectories and target seeking activities. The missile launching sequence and priming are controlled by customized Store Management Unit.

Saab 2000 MPA which is being offered for India's Medium Range Maritime Reconnaissance (MRMR) program will be equipped with a state-of-art Selex AESA radar and RBS 15 Anti Ship Missile. The Active Electronically Scanned Array (AESA) radar onboard SAAB 2000 MPA is a modern high performance system that supports the full range of maritime surveillance and coherent imaging modes used for both naval and overland operations.

The AESA radar provides Saab 2000 MPA with Identification Friend-or-Foe (IFF) capability with customized interrogator functions. The AESA surveillance radar is



**SAAB**

# NEWS FROM SAAB

20 June 2011

CUE 11-042 E

supported by a Saab R4A AIS transponder receiver/transmitter system for locating and identifying any naval activity. The AIS system also provides an encrypted data link.

For close range detection, identification and recording of surface objects and activities, Saab 2000 MPA incorporates Electro-Optic (HDTV) and Thermal Imager sensors. The Saab 2000 MPA system incorporates an ELINT system providing the capability to intercept and collect intelligence information consisting of detailed information of e.g. complex emitters active signal components, the relationship and the dynamics between active signal components.

The Saab 2000 MPA on offer is also equipped with an ESM system for automatic identification of RF signal sources and Direction Finding of RF signal sources with high accuracy. For self protection, a SPS system is installed including radar warning receivers, missile approach warning sensors, laser warning sensors as well as chaff and flare dispensers.

The Saab 2000 MPA comes equipped with a COMINT system that complements the baseline ELINT system for enhanced SIGINT capabilities. The installed COMINT system includes both a Direction Finder function and an Intercept System.

The Saab 2000 MPA is equipped with a Command & Control (C2) system that integrates, and assists in controlling all mission sensors and provides the user interface to mission operators, via four (4) workstations installed side-by-side in the cabin facing starboard, and to the pilots via a dedicated tactical display. The workstations also provide access to the mission communication system.

**For further information, please contact:**

Saab Press Centre,  
+46 734 180 018  
presscentre@saabgroup.com

[www.saabgroup.com](http://www.saabgroup.com)

*Saab serves the global market with world-leading products, services and solutions ranging from military defence to civil security. Saab has operations and employees on all continents and constantly develops, adopts and improves new technology to meet customers' changing needs.*