

# SAAB 2000 **MPA**

The Saab 2000 MPA is a highly capable, long-range Maritime Patrol Aircraft. It provides a dedicated platform for maritime patrol missions.

The Saab 2000 MPA is equally suited to working in close co-operation with the Saab 2000 ERIEYE AEW&C or on stand-alone patrol missions.

#### FEATURES :

- High quality 360° maritime surveillance radar
- High quality Electro-Optical Sensor
- Command & Control System
- Automatic Identification System (AIS)
- Electronic Support Measures (ESM)
- Self Protection System (SPS)
- SATCOM and data link solutions
- Platform commonality with other members of the Saab 2000 airborne surveillance family

#### APPLICATIONS:

- Tasked identification of maritime targets
- Maritime Surveillance and Reconnaissance (MSAR)
- Maritime border security
- Counter smuggling surveillance
- Search and Rescue (SAR)
- Illegal immigration control
- Fisheries inspection and management
- Oil slick investigation





## SYSTEM LAYOUT



### EXTERNAL:

- 1 EW & Self Protection System
- 2 Spray wash system
- 3 Electro-Optical Sensor
- 4 Large optical observer window
- 5 360° rotating maritime surveillance radar
- 6 SATCOM and datalink solutions
- 7 AIS
- 8 Airdrop door

### INTERNAL:

- 1 Observer position
- 2 Lavatory & wash area
- 3 Mission operator consoles
- 4 Auxiliary fuel tank
- 5 Mission System Rack
- 6 Mission avionics rack
- 7 SAR liferaft stowage
- 8 Crew rest area
- 9 Gallery
- 10 Rotary Sono-buoy Launcher
- 11 Sono-Buoy stowage rack

|                                    |                 |
|------------------------------------|-----------------|
| Max endurance                      | > 9.5 hours     |
| Max range                          | > 2,000 NM      |
| Time on station<br>(at 200 NM EEZ) | 5.5 hours       |
| Time to climb 20,000 ft            | 10 mins         |
| Max cruise speed                   | 350 knots (TAS) |
| Patrol speed                       | 160 knots (IAS) |
| Takeoff distance                   | 1,300 m         |
| Service ceiling                    | 31,000 ft       |

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.

Specifications subject to change without notice