



# P2006T MRI Surveillance System

## Multi-scenario airborne platform for reconnaissance and identification

The P2006T MRI is a maritime surveillance airborne system designed to explore the EEZ with an extremely low operation cost. Due to its versatility executes every mission required on the maritime scenario.

A state-of-the-art system, integrated in a cost efficient and reliable airborne platform.

A complete and powerful solution for maritime surveillance.

System design is based on four main factors:

- Use of a low cost aircraft.
- Use of a well proven airborne search & identification radar.
- Use of a large format long range day and infrared stabilized optical sensors.
- Use of Vessel Automatic Identification System.

The result is an excellent Maritime Surveillance Airborne System which may execute all the missions required on the maritime scenario and may very efficiently enhance the detection range and performance of existing coastal surveillance systems.

IOS Datalink



SATCOM



Operator Console



Glass Cockpit



Mission System

The Mission System is the core of the MRI and the result of years of experience in Surveillance Systems. Being conceived as a state-of-the-art software system it fully integrates the information gathered by the all the sensors, controls them and manages the communication with the Ground Station.

All the systems are integrated in a unique software application that controls all the sensors, collects, fuses and records the data received by them and presents all the information in a single moving image.

The operating concept is intuitive and powerful, combining and exploiting the maximum performance of every sensor.



Remote Control



AIS



EO/IR Sensor



Mission Computer



AESA Radar

### Features

- AESA multimode radar.
- Electro Optical Infrared sensor.
- Automatic Identification System (AIS).
- Bidirectional IP based datalink.
- SATCOM.
- Integrated Mission Computer.
- Remote controlled sensors.
- Complete ground support solution:
  - Ground Power Unit (GPU).
  - Mobile Ground Station (MGS).
  - Ground Support Station (GSS).
  - Command and Control Center (CCC).

### General

Flight Crew	2
Engines	Rotax 91 2S3 - 98 hp Multifuel AVGAS/MOGAS
Avionics	IFR Glass Cockpit Display Garmin 950

### Performance

Max. endurance	4 hours*
Avg. fuel consumption	36 l/h.
Climb rate	1,000 feet/min.
Max. cruise speed	140 knots
Patrol speed	100 knots
Take-off distance	450 m.
Landing distance	350 m.
Service ceiling	14,000 feet
MTOW	1,230 kg.
Range	150 NM.

\*30' reserve. Performance with MTOW, ISA.

Cost effective Airborne System for Maritime Surveillance



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