The Piaggio Aerospace MPA – Multirole Patrol Aircraft – is a technologically advanced, efficient and competitive aircraft. The MPA’s advanced technologies combined with a well-planned maintenance support have been designed to ensure the required performance in achieving operational objectives by real combat scenarios with the acknowledged performance and lead in state-of-the-art components, characteristic of Piaggio Aerospace. By accommodating the MPA with new operational requirements while maintaining operations at the lowest fatigue and maximum efficiency of operation for this class.

**THE Piaggio Small Galley**

MULTiroLE aircraFT

MPA

The large, stand-up cabin allows installation of two consoles, one rest seat and a wide range of mission-consoles for flexible crew task allocations while having a direct integration into the aircraft avionics for best intelligence data on the ground with its flexible Los/BLos datalinks. Provide a drastically reduced footprint while delivering extraordinary operative efficiency.

• Deliver intelligence data on the ground with its flexible Los/BLos datalinks.
• Integrate latest radar sensors and advanced Eo/ir technology.
• Ground Surveillance, Tactical ISR, ELINT/COMINT. Piaggio Aerospace MPA provides end-to-end reconnaissance, Exclusive Economic Zone patrol and Search and Rescue duties with an efficient and competitive Special Mission, Multi-Role, Enforcement light twin turboprop aircraft.

The Piaggio Aerospace MPA is a new multi-role aircraft conceived to be missionized for many different roles: Maritime Patrol, Ground Surveillance, Tactical ISR and COMINT missions. Aimed at being the most effective Special Mission light turboprop aircraft on the market. The platform has been designed to integrate a suite of sophisticated airborne sensors and surveillance systems and the advanced Aquila Mission System on-board technology.

**The Programme**

Toilet Seat

LHS Auxiliary Cabn Fuel Tank

RHS Auxiliary Cabn Fuel Tank

First Operator Mission Consolle

The Piaggio Aerospace MPA with an additional payload represents the evolution of the Piaggio Aerospace P 180 Avanti II aircraft certified and bench for province transportation and proven since more than 20 years of proven operation and proven, 950 SHP with a proven Hartzell five blades scimitar low noise propeller, counter rotating (Spruce P235)

**PERFORMANCE**

- Max Endurance (at 5000 ft) 45 min VFR reserve   7.0 hours
- Max Fuel @ Max Payload 100 lbs
- Max Fuel @ Max Payload 500 lbs
- Zero Fuel (ZFW) 11,500 lbs
- Max Landing (MLW) 14,500 lbs
- Max Takeoff 18,000 lbs
- Max Speed (15,000 lbs @25,000 ft): 350 KTas
- MMo M=0.65
- 6. climb to 35,000 ft. in 20 minutes at maximum weight
- 5. Loiter capability at 125KTas in less than 1 turn radius.
- 4. Max cruise speed (15,000 lbs @25,000 ft): 350 KTas
- 3. MMo M=0.65
- 2 × Pratt & Whitney Canada PT6A-66B 950 SHP each (ISA, sea level)
- 1 × 20 ft. (6 m) BLOS SATCOM dish (communications package)
- Electronic Warfare System (EWS) with a Self-Protection System (SPS) to protect valuable assets.
- Optionally, and highly recommended, MPA may also be installed with a Self-Protection System (SRS) and a flexible yet, powerful Ku/Ka BLOS SATCOM system. The comms system may be extended and integrated with IFF (119), and IFF Interrogator.

**MIDRAGE SYSTEM**

- Hi Square (119 mm) 300 /360
- 4. 1 × 20 ft. (6 m) BLOS SATCOM dish (communications package)