

# ATR 72MP

#### MULTIROLE MARITIME PATROL AIRCRAFT

The ATR 72MP, developed and built by Leonardo Aircraft, is a derivative of the best-selling ATR 72-600 commercial aircraft designed to perform a wide range of missions. The ATR 72MP combines the reliability, maintainability and low life-cycle costs of its commercial counterpart with a state-of-the-art mission system, advanced sensors and a complete communication suite, to create an effective and affordable force multiplier, with excellent Command, Control, Communication, Computers, Intelligence, Surveillance and Reconnaissance (C4ISR) capabilities, whilst retaining ample growth capability.

The basic mission portfolio of the ATR 72MP includes all military maritime surveillance tasks; monitoring of sea lanes; fisheries protection; prevention/contrast of activities such as piracy, smuggling, drugs trafficking and illegal immigration; Exclusive Economic Zone (EEZ) patrol; Search And Rescue (SAR). The aircraft can also act as a flying command post and can double as a capable personnel transport asset in case of emergency. By adding optional subsystems and equipment, the ATR 72MP can also become an effective ELectronic INTelligence (ELINT) platform.













## A POWERFUL C4ISR PLATFORM

Beyond the two pilots and the two mission system operators, the aircraft crew includes two observers with the main tasks of exploiting the two aircraft bubble windows to perform visual search and airdrop of emergency equipment through the aircraft in-flight operable door in the frame of Search And Rescue missions.

The ATR 72MP avionic suite adds to the state-of-the-art ATR 72-600 glass cockpit an IFF Transponder, two INS/GPS systems, a TACAN system and a cockpit tactical display providing the pilots with mission system data.

The ATR 72MP baseline communication suite includes three V/UHF radios and one HF radio, managed through an advanced internal communication system. A wide band SATCOM system and a line-of-sight data link allow easy mission data exchange with cooperating assets and ground control centers. The communication system can be optionally expanded to cope with peculiar Customer needs, for example by adding a further V/UHF and/or HF radio, or including specific data link types.



















## ATR 72MP CHARACTERISTICS

### Weights & Performances

Maximum Take Off Weight50,706 lb23,000 kgMaximum Landing Weight49,273 lb22,350 kgMaximum Zero Fuel Weight46,297 lb21,000 kgMaximum Fuel Capacity11,023 lb5,000 kg

PW127M Engine Max TO Power 2,750 SHP

(1 engine out)

Maximum Cruise Speed 250 KTAS 465 km/h
Maximum Operational Altitude 25,000 ft 7,620 m
Max Endurance (at 5,000 ft) 10.00 h (+ 45' hold)

Take-off Distance 3,839 ft 1,170 m

(MTOW, SL, AEO, ISA)

Landing Distance 2,067 ft 630 m

(MLW, SL, ISA)





