



TECNAM & LEONARDO TOGETHER BRINGING THE P2012 TRAVELLER WITH FULLY INTEGRATED ATOS MISSION SYSTEM

News / Manufacturer



Tecnam and Leonardo signed an MoU that will allow customers to order Tecnam's P2012 Sentinel Special Mission Platform fully integrated with Leonardo's Airborne Tactical Observation and Surveillance system as an off-the-shelf product. The P2012 Sentinel SMP ATOS ISR will be outfitted with a full intelligence, surveillance and reconnaissance suite based on Leonardo's world-renowned ATOS mission system.

The P2012 Sentinel SMP is the ultimate TECNAM Special Mission Platform aircraft, an advanced surveillance platform offering CS/FAR 25 capabilities at the acquisition and operating cost of a CS/FAR 23 platform. The result is a truly unique combination in the Special Mission Platform market, with the P2012 SMP delivering the mission capabilities normally associated with higher class platforms at a fraction of their acquisition and operating costs. The payload capacity and large cabin volume allows for excellent mission performance with plenty of space for the installation of sensors and the operators' workspace. A TECNAM Sentinel at its maximum take off weight of 3680 kg, equipped with a full mission suite and up to seven 90 kg crew members (pilots, sensor operators and observers), will provide up to 9 hours of endurance.



The P2012's twin-engine design ensures the safety of the platform and provides an exhaust-free field of view to the sensors for increased accuracy and "noise-free" operations. Moreover, the hatches' position under the fuselage ensures a carbon-monoxide-free cabin that will enhance the safety of the crew members (one or two pilots and up to 5 mission operators).

The integration of the Leonardo ATOS system enhances the P2012 SMP's multi mission capabilities, providing customers with a turnkey ISR platform offer.

ATOS is an advanced airborne mission system that integrates and manages a multitude of sensors and sub-systems, providing the user with full situation awareness during challenging ISR missions. The system's unique Human Machine Interface (HMI) improves the user experience and reduces operator workload.

More than 60 ATOS installations are in operation around the world and the system has evolved over the years to meet new and emerging customer requirements.

The P2012 Sentinel SMP ATOS ISR delivers advanced surveillance over maritime and land

domains, day or night. Missions include SAR support, naval traffic control and electronic/communications Intelligence.

The standard P2012 Sentinel SMP ATOS ISR configuration includes the proven Gabbiano TS-80 Ultra-Light radar and LEOSS EO/IR turret, both from Leonardo.

Additional sensors can also be integrated, such as Leonardo's SAGE ESM and Spider COMINT systems for signal intelligence applications. ATOS is fully customizable and can integrate third parties sensors in order to fulfil customers' requirements.

"We are very proud to partner with Leonardo in the surveillance market providing a new platform equipped with the ATOS mission system. This proven, advanced and capable system, paired to the latest P2012 Sentinel aircraft, integrates and widens the ISR offer with a safe, capable, interoperable, and low-cost special mission platform." says Tecnam's CEO, Paolo Pascale.

"Through this partnership with Tecnam, we're pleased to be bringing an innovative ISR solution with an extremely light footprint to the international market. The P2012 Sentinel, equipped with latest-generation sensors through Leonardo's ATOS Light system, is the ideal turnkey solution for a number of demanding surveillance missions." says Luca Picollo, SVP Airborne Systems, Leonardo Electronics

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