

Rio De Janeiro, 11 April 2013

Selex ES introduces its Light ISR system at LAAD 2013

Selex ES, a Finmeccanica company, is pleased to present the Light ISR system, a readily-available answer to the growing demand for low-cost airborne surveillance assets.

The Light ISR system comprises the ATOS Lightweight, a de-scaled version of Selex ES's best-in-class ATOS mission system, integrated on-board the light and versatile Skycar aircraft produced by Italian firm Omasud. The end result is a new, affordable surveillance asset that can fulfill the requirements of maritime and overland missions.

The ATOS Lightweight is available in multiple configurations, giving it the flexibility to meet all types of requirements, and can be easily installed and removed from a wide range of fixed and rotary wing aircraft. Omasud's Skycar platform can be easily converted to adapt it for several different operational modes with the inherent flexibility of the system allowing for several special configurations that integrate customised sensors. These include surveillance radars such as the Selex ES Gabbiano T-20 Radar and electro optical day/night turrets such as Selex ES's EOST 46. The Skycar's light ISR configuration can integrate Automatic Information Systems (AIS), SAR DF and tactical communications, including line of sight and beyond line of sight data links. The aircraft's unique design also offers a rear door that can be opened during flight to launch SAR Kits, Medi-Kits, and other mission-specific supplies.

Offering 3.5 hours of patrol time, the Light ISR system is a highly versatile and effective surveillance asset, covering a wide range of requirements for military, paramilitary, civil defence, environmental monitoring and search and rescue operations. Making use of Selex ES's experience in Unmanned Air Systems (UAS), the Light ISR system has also been developed with a remote mission operator variant which allows users to deploy the platform on missions without carrying a mission operator on-board in addition to the pilot. This allows the platform to carry additional fuel and payloads and for mission operators to work from a centralised mission control centre, able to support and coordinate more than one aircraft at the same time.

Notes to editors

About ATOS

The technological heart of the Light ISR multirole solution, Selex ES has operated the ATOS (Airborne Tactical Observation and Surveillance) system for more than 10 years and it is currently on-board aircraft platforms throughout the world. ATOS integrates a wide variety of sensors and subsystems in a highly modular design and offers an open architecture which easily supports the inclusion of additional capabilities and operator consoles.

About SKYCAR

The SKYCAR is the most innovative surveillance and patrolling aircraft in the world market. The special design with easy access through two lateral cabin doors, and a large rear door for emergency launch of every type of goods for civil protection or live boat, is unique in the field of General Aviation aircraft. The full glass cockpit with the "3D Synthetic Vision" and the full lead light system increase the electric capabilities and allow a large use of instruments and electrical actuators systems. The very large internal volume of 240 cubic foot (about 30/40% more than competitors) allows easy movements of the pilots and technicians operating with the surveillance systems therefore reducing the workload for very long endurance missions.