

Rio de Janeiro, 17 April 2007

Galileo Avionica in the framework of LAAD exhibition

Galileo Avionica with Selex SAS UK has combined into SELEX Sensors and Airborne Systems (SELEX S&AS) S.p.A., a Finmeccanica company, creating Europe's second largest defence electronics business.

Galileo Avionica S.p.A is the Italian avionics leader. It focuses on the design, development and production of avionics and electro-optical equipment, airborne radar and precision approach radars, UAVs and Simulators, space equipment for platform and payloads. Galileo Avionica offers systems integration capabilities and know-how and participates as prime or partner in major European military co-operative programs (Eurofighter, NH90, EH101).

In addition to the design and integration of open architecture, highly integrated and modular avionic equipment for mission and navigation, Galileo Avionica has developed the **ATOS** airborne mission management system for Maritime Patrol and Surveillance.

As the centre of excellence for infrared technologies, Galileo Avionica offers complete thermal imaging solutions and the **EOST** systems, a variety of electro-optic surveillance sensors. Other products include airborne sonics as prime contractor on the Italian NH-90.

Galileo Avionica fully masters all aspects of airborne radar including over 450 fire control radars of the Grifo family sold world-wide and Precision Approach Radars successfully sold to several countries.

Additionally Galileo Avionica is a leader in high subsonic tactical and training drones and an important manufacturer of surveillance and reconnaissance UAVs including the Unmanned Aerial Vehicle FALCO Surveillance System and Reconnaissance UAV. The Mirach 100/5 target drone is operated in Italy, France, Spain, United Kingdom while NATO Missile Firing Installation (NAMFI) in Galileo Avionica operates its own drones on the NATO Missile Firing Installation (NAMFI) in Crete.

Galileo Avionica is featuring at LAAD exhibition the following equipments:

GRIFO-F: The Grifo F radar belongs to the Fire Control Radar Grifo family.

The radar key features are: multimode pulse Doppler, monopulse flat plate antenna array, coherent air cooled 200W TWT transmitter, pulse compression, wideband frequency agility and a programmable waveform generator, FFT processor, full menu of Air-to-Air, Air-to-Surface and Navigation modes, full set of ECCM provisions.

MIRACH 100/5 (Scale 1:4): The Mirach 100/5 is a high-performance, reusable Aerial Target Systems which has become the standard European Armed Forces threat simulator. It can manage up to 8 targets simultaneously within a highly realistic training scenario and simulate multiple threats flying at high subsonic speeds. The system is controlled by a modern Ground Control Station that allows mission planning and retasking, mission rehearsal and play back, operators training.

ATOS: The ATOS family of system is an advanced airborne mission system, including operator consoles and a wide range of sensors. It meets the growing demand for surveillance, EEZ protection, Search and Rescue, border and critical infrastructure protection, pollution detection, disaster control, illegal immigration, anti submarine warfare. The ATOS system here displayed is available for fixed and rotary wing platforms. The system is being successfully operated by the Italian Customs and Coast Guard on the ATR 42 MP and on the Piaggio P166. Recently, Galileo Avionica has been awarded with a contract to supply the Surveillance Information Management System derived from ATOS, as part of the Customs Coastwatch programme for the aerial surveillance of Australia's maritime areas.

Equipment for the Italian Army programme "Soldato del Futuro" featuring the LINX, the ASPIS, the SCORPIO and the NIMOS.

LINX: LINX is a multifunctional-multisensor Hand Held Global Target Locator System packaged in a lightweight unit for infantry squads, special forces and law enforcement forces including forward observers and reconnaissance patrols. The LINX enhances the situation awareness during the mission being capable to acquire and process target data by recording a Digital Data Package made by target range, angular position (azimuth and target elevation) with respect to north, GPS data and the target Image both, in Infrared or TV format.

ASPIS: ASPIS is the latest generation of multifunctional light integrated Rifle-Sight. The ASPIS enhances mission performance being capable of observation and aiming at long and short distance combining night/day video channels for long distance, and Visible and Invisible Laser Pointers and a Red Dot for short distance. A wireless transmission of night and day video signals processed by the ASPIS enables the Soldier to observe and fire “around the corner” and record snapshots of the scene in the receiver computer.

SCORPIO: Lightweight compact Fire Control System for 40 mm Grenade Launcher tubes that provide fast and accurate aiming and firing (LOS/LOF) capabilities giving to soldiers a powerful selective weapon system. A ballistic computer enhance the First Hit Probability against Standing and Moving targets reducing the fire reaction time. The unit can be re-configured by uploading different firing tables (HE Frag, HEDP, etc.) and the selection can be done on the field.

NIMOS: Modular lightweight Helmet Mounted Display integrated with Low Light Level digital TV for soldier night mobility; moreover the NIMOS can receive and display the ASPIS Rifle Sight IR or TV video channels by Wireless Data Link for “shooting around the corner” capability. NIMOS can also be integrated with C2/C4i system to display directly to the eye Digital Map, Coded Messages and alarms in a silent mode and grab snapshots shared with C2/C4i.

PRESS OFFICE

Riccardo Acquaviva

Press Officer Finmeccanica

Mob. +39 348 0811485

Email: Riccardo.acquaviva@finmeccanica.com

Solange Distefano Pozzuoli

Press Officer Galileo Avionica

Tel +39 0641883852

Mob. +39 339 7644980

Mob. +39 335 7499374

Email: solange.distefanopozzuoli@galileoavionica.it