

Rio de Janeiro, 17 April 2007

Galileo Avionica consolidates its position in Brazil

Looking with interest at the rising opportunities of the Latin America aerospace and defence market

Galileo Avionica, a Finmeccanica company, participates at LAAD 2007, the international exhibition on Aerospace & Defence Technology taking place in Rio de Janeiro from the 17th up to the 20th of April.

Galileo Avionica presence in Brazil dates back to the beginning of the eighties with the supply of MM/APS-705 search radars on the SM-3D of the Brazilian Navy and has gotten stronger so that today this market is very important for the company. Galileo Avionica has established long term industrial agreements for a wide range of its products, while new requirements are arising which could call for the support of a reliable partner.

Galileo Avionica largest contract in Brazil regards **the radar Grifo- F**: close to 50 radars installed on the Brazilian Air Force F-5 Aircraft for an economic value in the order of 60 million euro for the company. 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.

With over 450 units sold all over the world and 100.000 flight hours, the Grifo radar offers advanced performance to new and upgradable aircraft.

Another very important program for Galileo Avionica is the **SCP-01 (Scipio) Radar**. The company designed and developed the multimode radar for the specific requirement of the Brazilian Air Force AM-X combat aircraft. Since the beginning the program has been a cooperation with local industry with a significant Know-how transfer to build a strong technical relationship in the field of avionic radar; in addition the integration with the avionics system was successfully completed together with Embraer before starting the production of 60 units. The S. Jose dos Campos based Mectron has now the responsibility of some LRU and will be able to contribute in the radar support. The SCP-01 is a very compact system and the optimum solution when a Fire Control radar has to be fitted in a small aircraft nose, with multimode requirements.

Another product already selected in the past in Brazil and that is heating growing interest by many customers is Galileo Avionica's **Precision Approach Radar**. **Galileo Avionica has a family of PAR Radars** composed by three different products: the PAR 2080C and the PAR 2090CF, for fixed installation; the PAR 2090CM mobile version, for rapid deployment in the area of operation.

Over 50 PAR radars have been acquired by international End User among which France. PAR 2080C has recently started operating at the Indian Air Force Pune Base.

PAR is an X Band Radar system suitable to assist military aircraft (fixed and rotary wing) pilots during approach and landing phases. PAR makes precise instrumental landing possible even in bad weather conditions (intense rain, wind, fog) and poor visibility. Galileo Avionica's PAR is able to manage different aircraft at the same time (up to 32) within its field of view (10° in elevation, +/-10° of azimuth coverage), with a precision and accuracy exceeding ICAO requirements.

Interesting market opportunities in Latin America are currently opening also for Galileo Avionica **Mirach 100/5**, for the **ATOS- Airborne Tactical Observation and Surveillance System**, and for the **Individual Combat Fire Control and Observation systems** designed to increase survivability and to improve combat effectiveness of the Dismounted Soldier. **(For further information on the products displayed at LADD, see the press note)**

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