FADEC International Brings Engine Control Services to Singapore

July 15, 2014

ROCHESTER, United Kingdom — FADEC International, a joint venture between BAE Systems and Sagem (Safran), has expanded its worldwide service capabilities through the addition of Safran Electronics Asia (SEA) as an authorized full authority digital engine control (FADEC) Repair Center for commercial airlines in the region.

"Our FADEC repair services help airlines reduce maintenance costs and extend the life of their aircraft," said Dr. Ehtisham Siddiqui, vice president and general manager of Commercial Aircraft Solutions at BAE Systems. "By expanding our worldwide service network into Singapore, we're bringing better maintenance closer to our Asian customers."

Safran Electronics Asia's repair capabilities will help maximize aircraft availability for FADEC International's customers. The newly authorized SEA FADEC Repair Center will provide Level 2 FADEC maintenance for the FADEC International products on the CFM56-7B, CFM56-5C, CFM56-5B, GE90-115, CF6-80E engines (and GEnx-1B, GEnx-2B from 2015). In addition to the new FADEC Repair Center, BAE Systems also has a full maintenance, repair, and overhaul facility in Singapore to complement its aftermarket service offerings in the region.

"Providing avionics repair maintenance services for more than a decade in the Asia-Pacific region, Safran Electronics Asia, a subsidiary of Sagem, will now bring to all the Asian operators its long-term experience and quality of services on their FADEC equipment" says Jean-Paul ALARY, general manager of the Safran Electronics Division at Sagem.

The FADEC solution is a redundant computer system that reduces pilot workload and increases efficiencies by electronically monitoring and adjusting aircraft engines for proper and smooth operation. Rather than a pilot manually adjusting throttles and controls, the FADEC controls all aspects of engine performance, such as fuel flow, variable engine geometries, and overspeed protection, as well as interfacing with the engine thrust reverser.

Through FADEC International, BAE Systems and Sagem (Safran group), develop, manufacture, and support high-reliability aircraft electronics for harsh engine environments. The company serves airlines and aircraft maintenance and repair providers with a full range of aftermarket capabilities. Leveraging extensive knowledge of severe engine environments, FADEC design attributes, and repair history, FADEC International has developed a robust process that helps customers decrease costs, simplify maintenance, and enhance their services.
**FADEC International** is a 50-50 joint venture between a subsidiary of BAE Systems Controls Inc. and Sagem (Safran), that focuses the two companies’ capabilities to design, produce, and support Full-Authority Digital Electronic Controls for commercial aircraft engines. For more than 25 years, FADEC International and its member companies have served airlines and aircraft maintenance and repair providers with a full range of design and aftermarket capabilities.

At **BAE Systems, Inc.**, we design and deliver advanced defense, aerospace and security solutions that keep our customers at the forefront of modern technology. We’re working on the platforms, tools, technologies and services our customers need to perform at the highest level in meeting all types of modern challenges. For more information: www.baesystems.com

**Sagem**, a high-tech company of Safran, holds world or European leadership positions in optronics, avionics, electronics and safety-critical software for both civil and military markets. Sagem is the No. 1 company in Europe and No. 3 worldwide for inertial navigation systems (INS) used in air, land and naval applications. It is also the world leader in helicopter flight controls and the European leader in optronics and tactical UAV systems. Operating across the globe through Safran, Sagem and its subsidiaries employ 7,500 people in Europe, Southeast Asia and North America. Sagem is the commercial name of the company Sagem Défense Sécurité. For more information: www.sagem.com

**Sagem (Safran)**

**Press Relations**  
**Philippe WODKA-GALLIEN**  
+33 (0)1 55 60 38 54  
[philippe.wodka-gallien@sagem.com->]

**BAE Systems**

**Ancia Barham**  
Mobile: +44 (7540) 628923  
[ancia.barham@baesystems.com->]

**Shelby Cohen**  
607-658-6687  
[shelby.cohen@baesystems.com->]

****