



Press Release

FreeFlight Systems and Fokker Services Announce Partnership

Modernizing Airborne Navigation System for One-Third of the Cost

WACO, Texas, June 12, 2009 – FreeFlight Systems and Fokker Services announce a partnership to provide air transport aircraft a low-cost means to modernize the airborne navigation system without replacing existing equipment or making extensive changes to the aircraft. This dual system with certification is about one-third of the cost of a new Flight Management System (FMS), and requires about 100 man-hours to install.

The modification enhances accuracy and performance of existing IRS/FMS systems without GPS capability by integrating GNSS/SBAS data. The system was originally designed for Fokker 70/100 aircraft, but will work equally well for other airline transport or business-jet cockpits. The upgrade will allow flight crews to fly GPS-based RNAV for the entire flight (SID, enroute, STAR), in addition to allowing non-precision GPS approach capability. The system will improve situational awareness and provide lateral guidance based on GNSS. Moreover, the aircraft will be able to operate in remote and oceanic regions, and will be approved for terminal area navigation operations in European and other airspace.

The integrated system also enables growth to GPS landing system (GLS) capability and improves the availability of the enhanced ground proximity warning system (EGPWS). Additionally, with a connection to a compliant transponder, the modification will support ADS-B Out. The Integrated GNSS/SBAS system is designed to be installed without disrupting or replacing the FMS, flight instrument, or the Automated Flight Control and Augmentation Systems (AFCAS). Modifications to the aircraft include: a control panel, a data converter, a navigation status display for the flight crew, and GNSS/SBAS sensors to provide high integrity position data.

Robert Schneier, COO, FreeFlight Systems, commented on the announcement, stating, “Our company has a deep heritage in bringing high integrity GNSS/SBAS navigation solutions to our customers, dating back to the Capstone program in Alaska. Working with Fokker Services to upgrade legacy flight management computers with an innovative, yet cost



Press Release

effective navigation solution that also provides ADS-B Out capability brings the promise of enhanced aviation safety to operators and the flying public.”

“Partnering with FreeFlight Systems to implement this highly effective integrated GNSS/SBAS solution into our aircraft without having to replace the existing FMS is a significant benefit to the operators, from both an operational and economic perspective. Moreover, the flexible design of the system and modular approach enables us to offer it to other fleet operators which are added benefits to speeding up the adoption of ADS-B,” adds Martin Knegt, Product Manager, Fokker Services. The integrated GNSS/SBAS system is defined, available, and ready for installation on Fokker 70/100 aircraft and other aircraft types, while the AHRS solution is under development.

About FreeFlight Systems

Founded in 2001 through the acquisition of Trimble Navigation’s Avionics Products Division, FreeFlight Systems is an international supplier of professional-grade avionics systems for commercial and military aircraft. With a focus on safety, simplicity, and reliability, FreeFlight Systems offers a broad array of GPS navigation systems, GNSS/SBAS sensors, radar altimeters, and ADS-B components and systems worldwide. Based in Waco, TX, FreeFlight Systems was the first company to certify an airborne Wide Area Augmentation System (WAAS) receiver. For more information, please visit www.freeflightsystems.com.

About Fokker Services

At present there are 700 operational Fokker aircraft across the world. The Fokker aircraft has earned a reputation for comfort, reliability and durability. Many people consider the Fokker aircraft among the best mid-size aircraft ever built. The fleet still meets the high noise requirements of the future. Operators are enthusiastic about their structural integrity, advanced technologies and operational reliability. They are also extremely pleased with the handling comfort of the aircraft. They feel that choosing a Fokker aircraft for their fleet makes economic sense. During the years the Fokker fleet has only grown stronger and it has developed even further. The aircraft meets the challenges of the future.

Fokker Services is part of Stork Aerospace. Stork Aerospace develops and produces advanced components and systems for the aerospace industry, and supplies integrated maintenance services and products to aircraft owners and operators. In 2008 the group achieved a turnover of € 597 million with 3,700 employees.



Press Release

Media Contacts

FreeFlight Systems

John O. Patterson
Director, Marketing & Sales
Phone: 1.254.662.7046
Email: jpatterson@freeflightsystems.com

3700 Interstate 35 South
Waco, TX 76706-3756
USA

Fokker Services B.V.

Karel van Meekeren
Manager Account Support
Phone: +31 (0)252 62 72 67
Email: karel.vanmeekeren@stork.com

P.O. Box 231
2150 AE Nieuw-Vennep
The Netherlands