



Flight Inspection Aircraft Deliveries

Second AeroFIS® for Pakistan

Precisely according to the schedule the second Automatic Flight Inspection System AeroFIS® was handed over to the Civil Aviation Authority Pakistan.



King Air B200 of the CAA Pakistan during flight test at Braunschweig Airport

The system is installed in a Hawker Beechcraft King Air B200 with ProLine 21 avionics. Beside the capability for inspection of conventional navigation aids like ILS (incl. CAT III), VOR, DME, NDB and TACAN the system provides enhanced functionality for flight validation of instrument procedures.

The order for the second AeroFIS® was placed by the CAA as logical consequence of the successful completion of a number of flight calibration contracts in Arabia and Asia.

Second AeroFIS® for the Japanese Air Force



AeroFIS® operator workstation in U-125

On 28th of February 2011 another Aerodata flight inspection system AeroFIS® - installed into a

Hawker 800 (U-125) - was delivered to the Japan Air Self Defense Forces (JASDF) exactly as planned. The aircraft was modified during the last year by Fuji Heavy Industries (FHI) and the flight inspection system AD-AFIS-0310 was integrated.

It is the second aircraft of the Japanese Air Force, which is equipped with an Aerodata flight inspection system. Some years ago another type of aircraft, a YS-11, was equipped with an Aerodata AeroFIS®.

Third AeroFIS® for UkSATSE

In May 2011 Aerodata has delivered the third flight inspection system AeroFIS® - installed into a Beech King Air 350 – for UkSATSE (Ukrainian State Air Traffic Service Enterprise). Beside the primary modification of the aircraft including RVSM and FMS upgrade, all flight inspection related modifications have been performed by Aerodata.



AeroFIS® for UkSATSE

The EASA certified autopilot coupling of the system reduces the workload of the pilots tremendously.

Third AeroFIS® for DGCA Indonesia

In April 2011 Aerodata has delivered the third flight inspection system AeroFIS® for DGCA, Directorate General of Civil Aviation, Indonesia. With the STC, developed by Aerodata, Hawker Pacific, Singapore, could modify the existing flight inspection aircraft King Air 200 and integrate the fully automatic flight inspection system under the supervision of Aerodata.

The good relationship and excellent teamwork between the installer and Aerodata results in a very short installation time for the complete system. The DGCA has now three identical flight inspection in operation in three different



aircraft types. This is possible due to the modular and very flexible design of the AeroFIS®.



AeroFIS® for DGCA Indonesia

Six New Flight Inspection Contracts

In an international tender process Aerodata AG was awarded a contract by CAA Taiwan (Civil Aeronautics Administration of Taiwan) for the delivery of one new flight inspection aircraft. As prime contractor Aerodata is responsible for the procurement of the new flight inspection aircraft, design and production of the new flight inspection system AeroFIS® and integration of the fully automatic flight inspection system into the factory new Super King Air 350.

In a second competitive tender process Aerodata AG was awarded a contract by SRAA (Seoul Regional Aviation Administration) for the delivery of one new flight inspection aircraft. As prime contractor Aerodata is responsible for the procurement of the new flight inspection aircraft from the type Hawker 750, development and production of the new flight inspection system AeroFIS® and integration of the fully automatic flight inspection system into the brand new Hawker 750. The AeroFIS® will represent Aerodata's latest flight inspection technology. Key features include autopilot coupling, latest and most accurate camera system and active direction finder for immediate interference location.

Aerodata AG was recently awarded a contract by the Russian Flight Inspection Organization "Flight Inspection and Systems" (LPS) for the delivery of a third flight inspection system AeroFIS®. This AeroFIS® shall be installed into another factory new Super King Air 350i. The modification of the new Super King Air 350i into a flight inspection aircraft will be performed by Aerodata AG at its facilities in Braunschweig, Germany.

In a second step the AeroFIS® will be upgraded for the flight inspection of Ground based Augmentation System (GBAS), Automatic Dependent Surveillance Broadcast (ADS-B) and by an interference detection system.

The Royal Norwegian Air Force has decided to ensure safe air navigation by precision and quality "Made in Germany". Selected as winning bidder, Aerodata has been awarded with a contract to fit the flight inspection aircraft operated by the Norwegian Air Force with a new flight inspection system. After 15 years of successful operation the existing flight inspection system of the AD-FIS series shall be replaced by a new system of the AeroFIS® series including latest technology. The new system is characterized by highest accuracy, highest integrity and ease of operation. A compact design allows fast installation and removal of the system. This aspect eases the conversion of the aircraft from a VIP-transport aircraft into a flight inspection aircraft and vice versa.

Further, Aerodata concluded a contract for the 2nd AeroFIS® including integration into a King Air 350 for its Kazakhstan customer. Delivery is expected for 2012.

The Air Force Argentina has signed a purchase order for the modification of the second flight inspection aircraft LearJet 35A for the installation of the AeroFIS®. Furthermore, the RNAV upgrade of the flight inspection system is included.

King Air B200 Maritime Patrol Aircraft for the Armed Forces of Malta



B200 MPA inauguration ceremony

On April 5, 2011, the Maltese Government has commissioned a brand-new King Air B200 in maritime patrol configuration during an official ceremony at Luqa Airport. The Maltese Prime Minister L. Gonzi said in his speech:



“This maritime patrol aircraft is the Air Wing’s pride. This modern aircraft together with the surveillance equipment customized to the Army’s requirements is another step towards the modernization of the Armed Forces’ infrastructure and equipment.

This €9.6 million investment, co-financed by the European Union, will enhance the Air Wing’s capability to respond and perform its duties.”

6 weeks prior to the commissioning ceremony, the project team of the Armed Forces of Malta had taken delivery of the fully equipped King Air B200 at Aerodata’s facilities in Braunschweig. Aerodata’s mission equipment AeroMission, search radar and infrared cameras provide capabilities to detect illicit activities for miles by monitoring suspicious ship movements and radio signals. The data gathered onboard the maritime patrol aircraft are transmitted in real time via satellite to a ground station for analysis.

The modification of the aircraft was approved by EASA through a supplemental type certificate (STC). Further, Aerodata was responsible for pilot, operator and mechanics training.

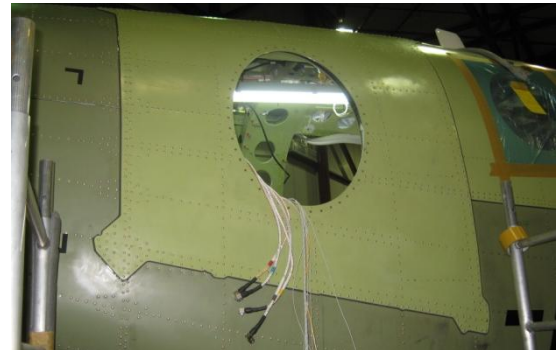
Aerodata is under contract to deliver a second B200 MPA to the Armed Forces of Malta in March 2012.



King Air B200 in the livery of the Armed Forces of Malta

King Air Service Center Approval

Recently, Hawker Beechcraft Corp. has extended Aerodata’s service center approval for all King Air aircraft until December 2013. Aerodata’s facility at Braunschweig airport provides regular aircraft maintenance, modifications and refurbishment.



Structural Modification for Observation Window

Also, Aerodata’s maintenance skills are essential to provide turn-key solutions for Aerodata’s flight inspection and surveillance aircraft solutions. The capabilities cover major structural modifications, e.g. wing spar replacements, replacement of windows, as well as modification to electric and avionics equipment.

Paris Air Show 2011

Aerodata will exhibit at Paris Air Show from June 20 – 26, 2011. Please visit our booth C327 in Hall 2C.

Maritime Reconnaissance & Surveillance Conference

Aerodata will exhibit at the Maritime Reconnaissance & Surveillance Conference in Rome from September 20 – 23.

Aerodata receives Export Award of the State of Lower Saxony

In April, the prime minister of the State of Lower Saxony handed over the export award to a representative of Aerodata. This award recognizes Aerodata’s export business which is equivalent to 89% of the annual revenue. Aerodata has business activities on all five continents and is the leading manufacturer of flight inspection systems used for the regular checks of ground navigation facilities and instrument flight procedures.

Exhibitions 2011

Helitech, September 27-29, 2011. Duxford, United Kingdom.

Dubai Airshow, November 13-17, Dubai, UAE.

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