



Dornier 328 Search and Rescue Aircraft Upgrade completed

Aerodata and AeroRescue have recently completed the upgrade of the Dornier 328 Search and Rescue (SAR) Aircraft, which was delivered to Darwin, Australia, in 2005. After the upgrade, the aircraft has the same capabilities as the second batch of SAR aircraft operated by AeroRescue. Better radar capabilities, ADS-B equipment to track aircraft, and an improved mission software have enhanced the capabilities of this aircraft. AeroRescue operates 5 Dornier 328 aircraft under contract with AMSA – the Australian Maritime Safety Authority. With comprehensive search capabilities, a data link to the AMSA Emergency Response Center and the ability to coordinate rescue activities on scene, these aircraft have played a key role in rescue operations in the maritime and overland environment over the past 5 years.



Darwin based Dornier 328 in operation

New Contract for Surveillance Aircraft

Hawker Beechcraft has selected Aerodata to provide its mission equipment AeroMission and the sensor suite for a King Air 350ER to be delivered to Prefectura Naval Argentina (PNA). Aerodata will also integrate the sensors and AeroMission into the King Air 350ER at its facility in Braunschweig, Germany and will certify the installation through an EASA STC. The sensors selected for the maritime patrol and surveillance aircraft are a Telephonics 1700B search radar, a FLIR Systems Safire FLIR, Rockwell Collins SAR / broadband direction finder and the Saab R4A AIS transceiver. The delivery of the aircraft to the PNA is scheduled for the 2nd half of 2013.

Joint Development Program with airberlin

airberlin, the second largest German airline, and Aerodata have entered into a cooperation agreement to jointly develop a communication link for the integration of all aircraft into the IT infrastructure of the airline. DLR (German Aerospace Lab) as the

3rd partner will provide the scientific background for this program. The development program is supported by the German Ministry of Economy and Technology within the German aviation research framework.

airberlin and Aerodata are planning to develop a system which allows

- Better integration of every aircraft in the cost optimization procedures of the airline,
- Reduction of fuel consumption and emission through optimized flight routing;
- Integration of functions for monitoring of the aircraft status;
- Improvement of passenger service;
- Improved cockpit displays.

Aerodata's AeroPhone+ will establish the satellite data link, which is available on a global scale and can be used for controller – pilot communication in remote areas. Through this functionality, the safety of flight will be improved.

Flight Inspection Aircraft Deliveries

1st AeroFIS for Russia

On 9th August 2011 the 60th Automatic Flight Inspection System AeroFIS® - installed into a Beech King Air 350i - was handed over to the Airline „Flight Technology“, Russia.



AeroFIS installed in a King Air 350i

The system is installed in a Hawker Beechcraft King Air 350i with ProLine 21 avionics. Besides the capability for inspection of conventional navigation aids like ILS (incl. CAT III), VOR, DME and NDB the system provides enhanced functions for area navigation (RNAV, RNP) based on GNSS and DME/DME and flight validation of instrument flight procedures as SIDS, STAR and SIAP.



More AeroFIS® for Indonesia



Flight Inspection Aircraft of DGCA Indonesia

In September 2011 Aerodata has delivered two further flight inspection systems AeroFIS® to the Indonesian customer DGCA (Directorate General of Civil Aviation). With the STC developed by Aerodata, Hawker Pacific, Singapore, could modify the factory new King Air's B200GT and integrate the fully automatic flight inspection systems under the supervision of Aerodata. The general modular design of the AeroFIS® series allowed for an easy installation of the five identical DGCA systems into a LearJet 31A, a used King Air 200 and into three factory new King Air B200GT.

2nd AeroFIS for Poland

On October 28th 2011 the second Automatic Flight Inspection System AeroFIS® integrated into the Let 410 was handed over to the Polish Air Navigation Services Agency (PANSAs).

The system is installed in a twin engine turboprop aircraft, type Let 410. The aircraft was modified for this installation by Aerodata at their facilities in Braunschweig and certified with an EASA STC. Along with the capability for inspection of conventional Navigation Aids like ILS (incl. CAT III), VOR, DME and NDB the system provides enhanced functions for flight validation of instrument procedures and RNAV/RNP procedures.



PANSAs Flight Inspection Aircraft

New Flight Inspection Contracts

Australia

Airservices Australia, the Australian air navigation service provider, and AeroPearl Pty. Ltd., a joint venture between the Paspaley Pearls Group and Aerodata AG, signed a flight calibration service contract for a further 10 year term.

This contract will continue to make AeroPearl the exclusive provider to Airservices for the provision of civil and military Flight Inspection services in Australia. It is valued at over 100MA\$ and is key to AeroPearl's future. AeroPearl has purchased two factory new Beechcraft King Air 350i aircraft, which will be modified by Aerodata AG in Germany. The new service by AeroPearl will commence in January 2013.

Indonesia

The Indonesian Civil Aviation Authority has concluded with Aerodata a contract for the delivery of a RNAV Flight Inspection System to be installed into a new Hawker 900XP. The necessary position accuracy is given due to phase differential global positioning system combined with the hybrid position of the RNAV AeroFIS. The system

will be integrated into the aircraft on fully portable bases to ensure the use of the aircraft as a VIP transport. The installation, certified with an EASA STC, will be accomplished at Aerodata's subcontractor in Singapore.

Exhibitions 2012

IFIS 2012, Braunschweig, June 4 – 8, 2012.

Pavcon, St. Augustin, June 5 & 6, 2012.

Farnborough International, July 9 – 15, 2012.

Singapore Air Show 2012

Aerodata will exhibit at Singapore Air Show from February 14 - 19, 2012. Please visit our booth K77.

Vigilancia de Fronteiras

Aerodata will exhibit at the Vigilancia de Fronteiras in Brasilia, Brazil from March 13 – 14, 2012.

FIDAE

Aerodata has a presence at FIDAE in Santiago, Chile from March 27 to April 1, 2012. Please visit our booth E64.

AeroExpo Marrakesch

Aerodata will exhibit at AeroExpo in Marrakesh, Morocco from April 4 – 7.

Contact

Aerodata AG, Hermann-Blenk-Strasse 34 - 36,
38108 Braunschweig, Germany
phone +49 531 2359 0, fax +49 531 2359 158
email: info@aerodata.de
web: www.aerodata.de