



Flight Inspection Aircraft Delivery

Flight Inspection System for Azerbaijan Delivered

In December 2013 Aerodata has delivered an AD-AFIS to Azerbaijan. The system was installed into an ATR42-500 in Germany and received an EASA STC. A training course in classroom and flight was given to the new operator.



ATR42-500 in Braunschweig, Germany

The aircraft left to Silk Way Airlines LLC, Baku, Azerbaijan, just before Christmas 2013.



AD-AFIS installed in ATR42-500

New Flight Inspection Contracts

Two new Flight Inspection Systems for DGCA Indonesia

After participating in an international tender, Aerodata AG was again announced as a winner to deliver two further AeroFIS® to the Indonesian customer DGCA (Directorate General of Civil Aviation). The delivery includes the installation into two new Beech King Air 350i. The Indonesian fleet will be enlarged to eight aircraft exclusively operated with AeroFIS®.

Order of two new AeroFIS® for Thailand

In December the Aerodata AG has been awarded by the Aeronautical Radio of Thailand Ltd. with a contract for the delivery of two new flight inspection systems AeroFIS®. The delivery includes the

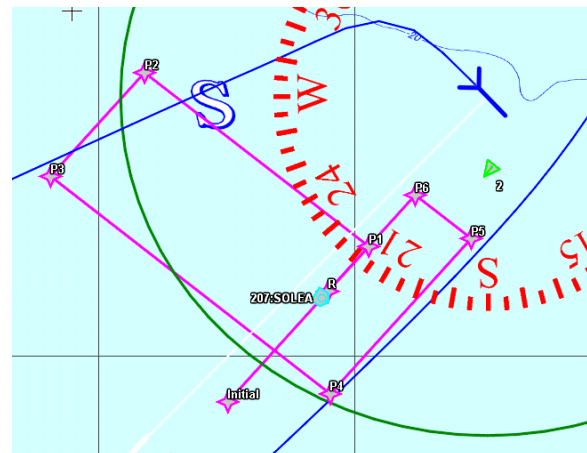
production and installation of the systems into a Beech King Air 350i and a Beech King Air B200. In 2015 the new equipped flight inspection aircraft will start with their calibration tasks in Thailand.

New AeroMission Capabilities introduced

Aerodata has added further capabilities to its mission systems for surveillance applications. The new capabilities include the fusion of sensor data, additional flight planning functions, e.g. for the generation of dropping patterns, and intercept planning.

AeroMission is applied in search and rescue aircraft, e.g. in the five Dornier 328 operated in Australia exclusively for search and rescue (SAR) missions. Due to the vast SAR area to be covered by the Australian aircraft, the dropping capability is essential, in particular in areas, which cannot be reached by helicopters.

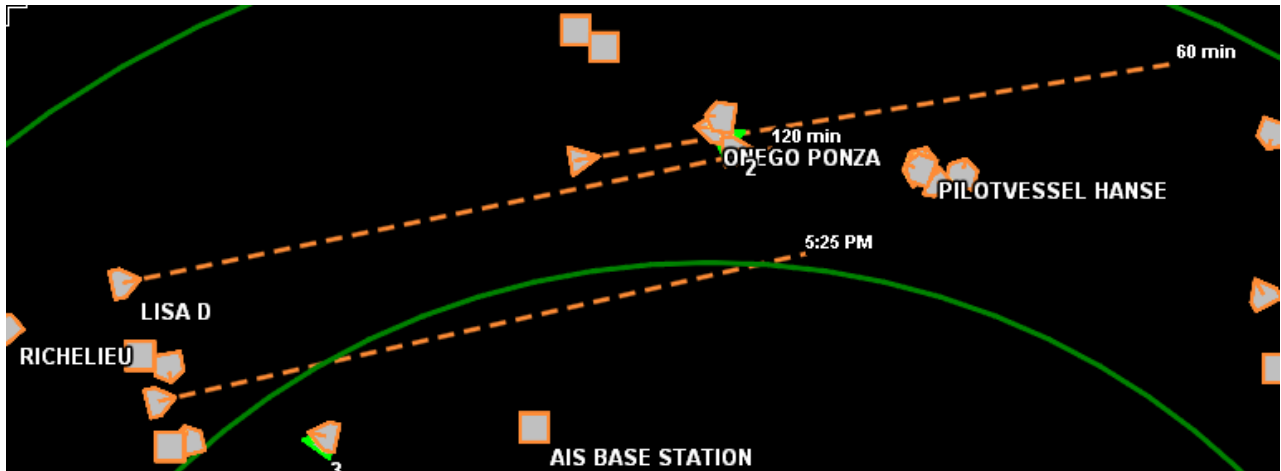
An automatic generation of dropping patterns will support the crew to determine automatically the best possible maneuver to drop various SAR supplies, e.g. life rafts, tools, food, medical supplies, etc. The figure below depicts a dropping pattern generated by AeroMission.



Dropping Pattern generated by AeroMission

The sensor fusion capabilities in AeroMission support

- Automatic combination of sensor data in a multi-sensor surveillance system;
- Detection of unusual behavior of vessels;
- Detection of sensor failures;
- Accurate position prediction of targets tracked by a combination of sensors.



Position prediction in AeroMission

In addition to the Australian Dornier 328 aircraft, AeroMission is installed in the helicopters of German Federal Police, 2 King Air 200 aircraft of the Armed Forces of Malta and a King Air 350ER of the Prefectura Naval Argentina.

AeroMission integrates a variety of sensors, e.g. search radar, EO/IR sensor, AIS transponder, direction finder and others. Information collected during the mission are provided momentarily to other surveillance or SAR assets and ground stations through an intelligent messaging and reporting systems. Data links include Inmarsat, Iridium satcom or microwave downlinks.

ILA / Berlin Air Show 2014

Aerodata and Optimare will exhibit at ILA / Berlin Air Show, Berlin, May 20 - 25, 2014. Please visit us at our stand 2314 in hall 2.

IFIS 2014

Aerodata will participate and exhibit at the International Flight Inspection Symposium in Oklahoma City, USA from June 16 - 20, 2104.

AeroPhone+ FMS Interface implemented

Subsequent to the certification of the dual channel AeroPhone+ system by EASA, Aerodata has now implemented all the functions to control the unit and display messages on a standard FMS or MCDU. AeroPhone+ is compatible with the ARINC 739 and 741 formats. This interface has been tested with the FMS 3000 as part of the Collins ProLine 21 avionics.

3000 as part of the Collins ProLine 21 avionics.

Exhibitions

Aerodata and Optimare will be present at Farnborough Air Show, July 14 - 20, 2014.

Aerodata and Optimare will exhibit at Africa Aerospace & Defense in Pretoria, South Africa from September 17 - 21, 2014.

Optimare and Aerodata will participate at Oil Spill India in Goa, India, from September 18 - 20.

Aerodata and Optimare will exhibit at the Maritime Reconnaissance and Surveillance Conference in Rome, Italy, from September 24 - 26.



AeroMission installation in King Air 350ER

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