



Surveillance Aircraft

AFM signs second Contract for new Maritime Patrol Aircraft

The Armed Forces of Malta (AFM) has recently signed the contract for the provision of the second maritime patrol aircraft, funded from the 2010 External Borders Fund (EBF).

This is the fourth contract signing utilising funding from the EU's EBF framework. The project is co-financed with 75% of the funds being sourced from the EBF and remaining 25% being allocated from the Maltese Government. The global sum allocated to this project was that of €9.696 million. The contract was signed between Brigadier Martin G Xuereb - Commander AFM, Mr. Hans J. Stahl - President Aerodata AG and Mr. Francis Attard - Director General Contracts.

This AFM operated aircraft will augment the current fixed wing fleet and will perform an additional role in the protection of the Southern external borders of the EU, through missions which include detection, identification and coordination operations. In a secondary function, the aircraft will perform search and rescue flights.

This contract is an option to the first contract that the AFM signed with the German Company Aerodata AG in October 2009 for the supply of a fully equipped new King Air B200, complete with integrated systems, training and a service support package. The new contract with Aerodata is for the supply of an identical aircraft equipped with the same mission systems and includes also additional training and an extension of the maintenance agreement.

The KingAir B200 is an aircraft manufactured by Hawker Beech Corporation, based in Wichita, USA. Aerodata, as the prime contractor will again handle the complete process chain to provide a fully equipped aircraft. The specialised mission system equipment, sourced from Europe and America, integrates a Telephonics RDR 1700B 360° belly mounted radar, a Wescam MX 15i Forward Looking Infrared (FLIR) system, SAR direction finder plus a number of other sensors and communication equipment, including satellite communication and data transmission. The aircraft will be modified at Aerodata's facilities at Braunschweig airport.

The AFM will take delivery of this aircraft in March 2012. The first KingAir is expected to be delivered in February 2011. A number of Officers and men have already been trained on the aircraft and system. Aircraft related training is per-

formed in Wichita, USA, while mission equipment training is carried out at Aerodata's facilities in Germany.

Additional Mission Systems for German Federal Police

German Federal Police has placed an order for 3 additional helicopter mission systems. The fully integrated systems will be identical to the 19 systems delivered 2 years ago. The computer system in the equipment integrates various sensors and provides data linking capability with a ground station through a microwave downlink and the AeroPhone® - Aerodata's Iridium satellite phone.



Work station of helicopter mission system

All mission systems can be used in a very flexible way and can be installed in EC 135, EC 155 and SuperPuma helicopters without changes.

AeroRescue contracts Aircraft Upgrade

AeroRescue signed a contract to implement a mission system upgrade for one of its Dornier 328 Search and Rescue Aircraft. This upgrade will bring the first aircraft based in Darwin to the same standard as the other four aircraft. The upgrade includes a new radar processor, a digital intercom system, ADS-B capability, and an upgrade of the data processing system. On behalf of AMSA (Australian Maritime Safety Authority) AeroRescue operates 5 Dornier 328 aircraft with Aerodata mission systems. The aircraft were equipped by Aerodata and delivered to AeroRescue between October 2005 and February 2007.



Flight Inspection Aircraft

New AeroFIS® for Korea

In early September 2010, 2 month ahead of schedule, Aerodata completed the delivery and integration of a new AeroFIS® flight inspection system for CASA, the Korean Flight Inspection unit. This flight inspection system replaces Litton equipment, which was no longer supportable.



Korean Challenger Flight Inspection Aircraft

The AeroFIS® was installed in a Challenger CL 601-3R aircraft in Seoul by Korean Air using an engineering data package, which had been generated by Aerodata. The certification of the installation was performed directly by the Korean aviation authorities, who recognized Aerodata's Design Organization as part of the approval process.



AeroFIS® in Challenger Aircraft

The AeroFIS® in the Challenger represents Aerodata's latest flight inspection technology. Key features include autopilot coupling and the CAPE software package. CAPE is a very flexible software solution for all flight inspection applications. Customer specific solutions can be implemented through configuration of the software. Aerodata's PDGPS (precise differential GPS) and a camera system provide position reference data for the various flight inspection procedures.

New AeroFIS® for Venezuela

In September 2010 the new AeroFIS® flight inspection system was handed over to the Civil

Aviation Authority of Venezuela, INAC (Instituto Nacional De Aeronautic Civil)

The project covered system delivery, installation and certification into a Rockwell Turbo Commander 695 aircraft as well a on-site training. Additionally a Ground Support Equipment (GSE) was delivered for laboratory testing and training purposes. The contract was awarded to Aerodata after an international tender process.

Seven New Flight Inspection Contracts

Aerodata has signed contracts with the Indonesian DGCA for the delivery and integration of 3 further AeroFIS® flight inspection systems. The first system will be installed into a King Air B200 already owned by DGCA, while the 2 other systems will be integrated into 2 new King Air B200GT. Modification of all aircraft will be performed by Hawker Pacific in Singapore using engineering data packages by Aerodata.

Further, Aerodata concluded a contract for the 2nd AeroFIS® for its Russian customer. Delivery is expected for 2011.

The same customer has now signed a contract with Aerodata for the integration of the first AeroFIS® into a King Air 350i. Aerodata expects the aircraft at its facility in Braunschweig in the second quarter 2011.

The CAA Pakistan has signed a purchase order for the 2nd flight inspection system. Aerodata had delivered 2 King Air 200GT aircraft completely modified in 2008; but one flight inspection system only. The new AeroFIS® will enable our customer to fully utilize both aircraft.

The DGAC Mexico has signed a contract for the delivery of a second AeroFIS® for the integration into a Cessna Citation 500.

Exhibitions 2011

Paris Air Show, June 20-26, 2011. Le Bourget, France.

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

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