

AeroMission Integrated Mission Management System for King Air Aircraft

- **Platform**

- King Air 200 / 300 Series
- dropping capabilities
- bubble windows for visual search



AeroMission Combined Operator Workstation and Equipment Rack

- **AeroMission:**

- High level of integration
- Moving map with tactical data overlay
- Full control of all sensors
- Flight Deck Display and FMS Interface
- High speed data link
- Briefing and reporting capabilities
- Recording and inflight replay of all sensor data

System Description

AeroMission, Aerodata's Maritime Patrol, Surveillance and Search and Rescue system, provides an integrated solution for sensor operation, sensor data acquisition and sensor fusion.



Sensors and Equipment

- Belly mounted Telephonics RDR 1700B 360° radar
- Elevator mounted Wescam MX-15i EO/IR system
- AIS transponder and SAR direction finder
- Broadband Inmarsat communication link
- Multi Station Mission-Intercom System
- Integration of sensors and equipment through Aerodata's mission management system AeroMission
- Dropping of SAR equipment



Mission System Functions

- Ergonomic Operator Workstation with automatic Sensor Control and Sensor Data Visualization
- Digital Storage and Replay
- Reporting and Tracking System
- Effective Mission Management Software with
 - multi layer moving map display
 - situational awareness
 - flight planning and flight guidance
 - Mission Data Base
 - Client/server architecture
- Configurable video overlays
- Multi Role Capability
- Data exchange with the electronic flight deck (FMS, EFIS, Video link)



Aerodata AG

Hermann-Blenk-Straße 34-36
38108 Braunschweig
Germany

Tel. +49 531 23 59 - 0

Fax +49 531 23 59 - 158

E-mail: aeromission@aerodata.de

Internet: www.aerodata.de