

## **INTELCAN COMPLETES ITS SECOND SUCCESSFUL FLIGHT INSPECTION AT KHARTOUM INTERNATIONAL AIRPORT**

Intelcan has completed its second successful flight inspection for its SKYNAV 8000 Instrument Landing System (ILS) at Khartoum International Airport in Sudan. Safety is top priority at Khartoum International Airport and Intelcan's experts worked in unison with Sudan's Civil Aviation Authority to replace the existing equipment with the leading-edge SKYNAV ILS. A highly dependable upgrade for any airport, SKYNAV ILS has restored Khartoum's runways to operational standards.

Based on the Flight Check, the SKYNAV 8000 ILS System met CAT-III precision instrument approach capability. A periodic Flight Check was performed to test Intelcan's SKYNAV 8000 ILS system at RWY 36. The system met CAT III requirements.

Intelcan's SKYNAV N8000 ILS exceeds the highest standards for precise radio guidance for aircraft final approach and landing. With options for Category I, II, or III, the N8000 guarantees signal integrity in single or dual frequency configuration.

The N8000 is designed to be simple to operate and easy to maintain, while offering a high degree of configurability – thus allowing it to meet the challenges and complexities of each airport and site.

The N8000 is a solid-state system built with the latest technologies, ensuring a long life. The design relies on DSP, FPGA and 32-bit processors to control, operate and monitor all parameters of the transmitted signals in real-time. Combined with extensive Built-In Test Equipment (BITE), the system autonomously takes corrective action whenever possible and immediately alerts maintenance personnel. The outcome is a highly dependable system for safe landing management and full awareness for the technical staff. In addition to SKYNAV ILS, Intelcan's SKYNAV DME 9000 is now available for-en-route or terminal application. SKYNAV DME is a highly reliable system built to run continuously and fully unattended for an always-on service and features full redundancy of critical components and advanced embedded watchdogs ensure 100% system uptime.

### **ABOUT INTELCAN**

Intelcan Technosystems Inc. is a Canadian CNS/ATM and Airport Infrastructure solution provider. Integrating Intelcan's own products or utilizing those from a diverse supplier network, Intelcan has delivered complete and cost-effective solutions to fulfill client requirements in over 60 countries.

Intelcan delivers airport infrastructure solutions which range from the construction of air traffic control towers to complete airport implementation.

Headquartered in Ottawa Canada since its establishment in 1973 Intelcan has expanded into South Africa, France, Spain, Poland, Korea, Cyprus, Bulgaria, Cuba and a research and development facility in Montreal, Canada.

All Intelcan's solutions meet and exceed Eurocontrol and ICAO regulations and are developed under ISO 9001:2008 quality management procedures.

#### **Marketing Communications**

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