

AT-920DG Automatic Flight Inspection System

Airfield Technology is pleased to announce the availability of a new product, the AT-920DG Automatic Flight Inspection System.

The new AT-920DG system combines the unique ground-based inspection capability of our original AT-920 with the proven DGPS positioning system and WinFIS flight inspection software from our larger, dual equipment AT-930DG system.



AT-920DG Ground Reference Station

Ground or Airborne Operation – Inspections may be conducted from the ground or from onboard the aircraft in the more conventional configuration. In both cases a portable computer and our WinFIS software is used to display, record, and analyze the inspection data.

For aircraft-based operation the portable computer is connected to the airborne unit, while for ground-based operation the computer is connected to the Ground Reference Station. For ground operation the computer can connect directly with the ground equipment, through an airport communication/control cable, or over a radio data link.

Flight inspections may be conducted remotely from any location within range of the telemetry system, including the navigation aid transmitter shelter, ATC tower, maintenance office, or RMM station.

Ground-based operation provides real-time data exactly where it is needed, minimizes aircraft radio communications, and is especially advantageous during commissioning and special inspections.



AT-920DG Airborne Unit

DGPS Position Reference – The Real-Time Kinematic (RTK) DGPS equipment provides accurate and reliable aircraft position data, allowing fully automatic inspection capability in all types of weather and visibility conditions.

The Rover receives corrections transmitted via telemetry from the Ground Reference Station. DGPS/GPS position and quality data are sent to the AT-920DG Airborne Unit and precisely synchronized with the avionics sensor signals.

GPS Surveying – The Ground Reference Station and DGPS Rover are built into modular carrying cases and may be used independently from the airborne unit for GPS surveying.



AT-920DG DGPS Rover

Airfield Technology, Inc., 12897 West 151 Street, Johnson County Executive Airport, Olathe, Kansas 66062 USA
Phone: (913) 780-9800 Fax: (913) 780-9803 www.airfield.com E-mail: Lbrady@airfield.com