

**Press Release****October 2009****Prodynamics at the AIRTEC****New Air Data Products from USA**

Prodynamics GmbH, the exclusive German representative of the American manufacturer *SpaceAge Control* and *Firstmark Controls*, is present at the Frankfurt fair AIRTEC **in hall 11 C372** and will show there new and current products like a Subminiature Air Data Boom, an Air Data Probe and a range of Miniature Position Transducers.

Referring to the fair's main topic UAV (Unmanned Aerial Vehicles) *SpaceAge Control* has the 101100 Subminiature Air Data Boom for UAVs on display. Flight test engineers, avionics designers and technicians can now more accurately monitor airspeed, altitude, angle of attack, and angle of sideslip on small unmanned aerial vehicles (UAVs). This air data boom and customized derivatives provide air data sensors that meet the small size and mass requirements of today's small UAVs. Mounting features ideal for small UAVs, very light aircraft, scale model aircraft, and lighter-than-air vehicles. The features of the 101100 Subminiature Air Data boom are Pitot (total) and static pressure ports, angle of attack and angle of sideslip sensors with voltage divider outputs, length 18.50-inch (469.9-mm), mass 0.60-pound (272 g), operating temperature range -65° to +125° C (-85° to +257° F). The 101100 boom is the latest in a series of small air data products now available from SpaceAge Control.

The miniature sized 100400 air data probe of *SpaceAge Control* provides all primary air data pressure information required by the aircraft during flight testing. This probe provides leading-edge low mass and small size airborne data for small aircraft and UAVs. It offers several benefits over traditional and in-house developed air data solutions including low mass (6 ounces/170 g) and single-point total pressure, static pressure, angle-of-attack and angle-of-sideslip data gathering. The product addresses the unique requirements of smaller-sized aircraft such as unmanned aerial vehicles (UAV) and light aircraft.

*Firstmark Controls* offers position transducers (like the series 160 Miniature Position Transducer) compatible with commercial aircraft flight data recorders. These products have been used in a broad range of aircraft/aerospace applications for control, acquisition, test, and measurement purposes. The flexible and space-efficient products use a stainless steel cable wound around a precision machined drum. The bearing-mounted drum is mated to a precision sensor based on potentiometer, synchro, RVDT, or encoder technology that translates linear position information to an electrical signal. This transducer technology gives high precision, easy installation, and fast calibration. The products are quickly mounted using high-flexibility mounting bases or custom installation plates.

More information is available under [www.prodynamics.com](http://www.prodynamics.com)

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