



**MEMSCAP**  
*The Power of a Small World™*

## **MEMSCAP ROLLS OUT THE NEXT GENERATION OF AIRCRAFT ALTIMETERS**

*With the successful end of the HASTAC Project,  
the Group sets the next generation sensors platform for the next 20 years*

**Grenoble, France and Skoppum, Norway, April 29 , 2008** – MEMSCAP (NYSE Euronext: MEMS), the leading provider of innovative solutions based on MEMS (micro-electro-mechanical systems) technology, today announces the successful ending of the HASTAC Project, officially closed March 10, 2008.

Chaired by MEMSCAP, HASTAC (acronym for High stability Altimeter System for Transponders and Air Data Computers) is a major project in the Strategic Agenda for European Aeronautics within the '6th Framework Program, that has been running for three years. Designed to answer to the crucial need for increased safety in all in-flight situations, and particularly low visibility situations, this project's aim was to reduce the accident rate of airplanes in challenging conditions by 50% and 80% in the short and long-term respectively, and to obtain a drastic improvement in the capability of avoiding or recovering from human errors, by developing next-generation pressure sensors for aircraft for the next 20 years.

It has now ended successfully with the manufacturing of the best MEMS transducers ever made for aerospace.

Most accurate MEMS sensors on the market, the new generation MEMSCAP transducers are expected to revolution the traffic collision avoidance systems as they offer stability over time that is twice better than the state of the art MEMS transducers currently available on the market. Designed, manufactured, simulated, assembled, tested and packaged by MEMSCAP, the transducers contain electronic hardware with brand new compensation methods and are capable of maintaining accuracy through long term use.

“International air traffic grows by approximately 5.9 percent per year while the minimum vertical distance between aircraft in the air is halved from 2000 to 1000 feet for planes flying above 29000 feet, and the airspace capacity needs to be increased by 20 percent. In such conditions, the need for extremely accurate sensors at cost effective price increases dramatically”, explains Jan Hallenstvedt, General Manager of MEMSCAP Standard Products Business Unit. “Not only do our new sensors offer this security and price but they also eliminate the need for frequent checks and calibration, and thus relieve the aerospace companies from the cost of grounding their aircrafts”.

These new transducers will be available for commercialization beginning of Q4, 08.

### ***About MEMSCAP***

MEMSCAP is the leading provider of innovative micro-electro-mechanical systems (MEMS)-based solutions. MEMSCAP standard and custom products and solutions include components, component designs (IP), manufacturing and related services. MEMSCAP customers include Fortune 500 businesses, major research institutes and universities. The company's shares are traded on the Eurolist of NYSE Euronext Paris S.A (ISIN: FR0010298620-MEMS). More information on the company's products and services can be obtained at [www.memscap.com](http://www.memscap.com). For more information, please contact:

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