



CVM™'s Important Role in the Airbus A380

Australian Stock Exchange quoted company Structural Monitoring Systems plc (ASX: SMN) has achieved a breakthrough in the commercial aviation industry during material testing associated with the Airbus A380 Super Jumbo airliner.

The Company's patented Comparative Vacuum Monitoring (CVM™) technology was successfully used in integral CVM™ lap joint sensors by Airbus during qualification tests and provided vital information on the performance characteristics of GLARE®, which is a lightweight aluminium epoxy laminate. A substantial proportion of the A380 is constructed in the GLARE® material.

The accuracy of information which was provided by the CVM™ sensors in real time has never been achieved before. This is regarded by Airbus as an historic first in the aviation industry that will in the future lead to improved accuracy and efficiency of materials testing.

Airbus officially rolled out the A380 last month. The A380 represents the leading edge of technical development in large commercial aircraft, incorporating both new technologies and new materials.

SMS and Airbus have been working in close cooperation on this challenging project to develop and use these unique CVM™ sensors since 2001. The Company's involvement in the A380 program is ongoing with CVM™ being used in the full-scale testing of the A380.

An Airbus spokesperson said, ***"The CVM technology is of importance to Airbus. CVM™ has successfully demonstrated itself as a promising structural monitoring sensor technology with which Airbus can perform qualification tests on GLARE® in real time in order to accurately determine its fatigue characteristics. We look forward to a long and productive relationship with Structural Monitoring Systems."***

Structural Monitoring Systems plc (SMN) is pleased to be associated with Airbus on the A380 programme.

Enquiries can be directed to Mark Vellacott, Chief Executive Officer on (08) 9204 4844.

For and behalf of

STRUCTURAL MONITORING SYSTEMS plc

Kent Hunter
COMPANY SECRETARY

Australian Office

Unit 5, 15 Walters Drive Osborne Park, WA 6017
Telephone: +61 8 9204 4844 ~ Fax: +61 8 9204 4866

United Kingdom Office

4 Elwick Road, Ashford, Kent TN23 1PF, United Kingdom ~ Telephone: +44 (0) 1233 666795 ~ Fax: +44 (0) 1233 646840

ARBN 106 307 322

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