



DEVELOPMENT PROGRAM FOR BOEING AIRCRAFT

Structural Monitoring Systems plc (ASX: SMN) is pleased to announce that the Company has commenced a program to have the Company's patented Comparative Vacuum Monitoring (CVM™) technology approved and entered in to the Standard Practices Manual (SPM) for Boeing commercial aircraft.

The program is significant for the Company because, once published in the Boeing SPM, the technology will be approved for all operators of Boeing commercial aircraft to use on their aircraft.

This will result in major savings to the airlines and substantial revenue for SMN.

Other parties to this program are Northwest Airlines, United Airlines, Federal Aviation Authority (FAA) and Iowa State University

The FAA is providing funding into the program and will coordinate technical verification work undertaken by the Iowa State University

This is a significant development for SMN as Boeing commercial aircraft represent the largest fleet market for the Company's technology.

There are approximately 8,000 Boeing commercial aircraft in service around the world. .

Northwest Airlines and United Airlines between them fly most of the Boeing commercial aircraft types in their fleets. These airlines will provide technical input into the program and make aircraft available for installation of the CVM technology during the program.

The current plan is to have CVM tested, approved and published in the SPM for Boeing commercial aircraft by mid 2006.

This program is in addition to the programs the Company has already announced with Boeing Corporation, Northwest Airlines and FAA on applications of the CVM™ technology for DC9 and MD80 aircraft.

Should you have any enquiries regarding the above announcement or any aspect of the company's development please contact the undersigned.

Yours truly,

Mark Vellacott
Chief Executive
8 December 2004

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

A public limited liability company incorporated under the laws of England and Wales.