



**STRUCTURAL
MONITORING**
S Y S T E M S
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SMS WINS ANOTHER UK MoD TRIAL

The Directors of Structural Monitoring Systems plc (ASX: SMN) are pleased to announce that the Company has been awarded another UK Ministry of Defence (MoD) contract to trial its patented Comparative Vacuum Monitoring (CVM™) technology to monitor the initiation of cracking on a Royal Air Force Harrier GR7 fatigue test rig.

The CVM™ equipment will monitor specific locations as part of a test program to qualify the full fatigue life of the Harrier GR7 rear fuselage for the Royal Air Force and inform other Harrier operators such as the US Marine Corps. The CVM™ system will comprise both load-bearing and surface sensors.

The installations are scheduled to commence in June 2005.

The CVM™ load bearing sensor, fabricated in stainless steel, has been developed specifically for this trial to detect cracks developing under bolt heads, nuts and washers. This development of the CVM technology has application in a range of market sectors in addition to aviation and demonstrates the variety of materials with which it is possible to develop CVM™ sensors.

The contract value of this trial is \$22,000.

The Company aims to complete a successful trial on the Royal Air Force Harrier GR7 fatigue test rig and then to follow-up with installation on the fleet of over 300 in-service Harrier aircraft. This makes this market opportunity potentially worth in excess of \$3,000,000 in revenue for the Company.

Chairman, Air Marshal Sir John Walker said "This latest development is significant as it follows the Royal Navy Sea King trial contract announced by the company on the 21st of March 2005."

Enquires regarding the above announcement or any aspect of the Company's commercialisation program can be directed to Mark Vellacott, Chief Executive Officer on (08) 9204 4844.

For and on behalf of
STRUCTURAL MONITORING SYSTEMS plc

Kent Hunter
COMPANY SECRETARY
4 May 2005