



**Press Release**

**21 October 2009**

**Hood Technology™ Corporation**

**Successful Harrier AV-8B Pegasus Engine In-Flight Blade Monitoring**

A successful flight test of a Hood Technology™ onboard blade & vibration monitoring system took place today in California. This custom developed hardware and software application was created for in-flight observation of the compressor blades in the USMC Harrier AV-8B Jet Pegasus engine.

The data acquired during this Harrier flight was recorded onboard for review and analysis. In the next phases of testing, it will also be observed in real time via telemetry with custom developed ground station support to assist in risk mitigation.

This Hood Technology onboard system monitors in-flight blade flutter. The overall objectives also include full envelope characterization of the low-pressure compressor. The system uses 17 optical sensors, 3 eddy current sensors and one long distance optical sensor.

With nearly two decades in vibration engineering experience, Hood Technology™ Corporation is known for its knowledge of aerospace systems. The company invites inquiries about new applications for its vibration and monitoring systems.

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