

AV&R Vision & Robotics Inc.

PRESS RELEASE

For immediate publication

## **HIGH PRESSURE TURBINE AIRFOIL INSPECTION**

Montreal, June 18, 2010 – MTU Aero Engines, which makes and services jet engines for military and civilian aircraft, issued a contract worth approximately one million dollars separated in two phases to AV&R Vision & Robotics Inc. to build a fully automated turbine airfoil surface inspection system.

AV&R specializes in aerospace solutions in the fields of Robotic Material Removal and Complex Surface Inspection. Because of its expertise, AV&R was introduced to MTU through two of their major partners, Pratt & Whitney Canada and General Electric since they constantly share common challenges in visual inspection.

The inspection system ordered by MTU will inspect 100% of the surface of high pressure turbine airfoils looking for any random surface defects such as nicks, dents, scratches and tooling marks.

The core of the system is the automated turbine inspection technology which utilizes a 6-axis robot to inspect the turbine blades. Over the past 15 years, AV&R has developed this technology and it has been proven through many installations completed around the world.

The addition of this inspection system to MTU's current methods will enable them to greatly increase the efficiency of their inspection process. This system should be delivered during the second quarter of 2011.

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