

## **FOR IMMEDIATE RELEASE:**

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### **Trilion Quality Systems Announces Air Force Research Lab at Eglin AFB chose HighSpeed ARAMIS 3D for SBIR Phase II for high-speed materials research**

**West Conshohocken, PA, August 6, 2006** - US Air Force SBIR (Small Business Innovative Research) Phase II contract was awarded to Trilion Quality Systems. The research is for developing optical methods to make split Hopkinson bar valid for brittle material property measurements. This technology will also be broadly applicable to other high rate materials and structures measurements, including Taylor impact studies. The technology utilizes high-speed cameras and 3D image correlation technology to achieve direct, non-contact measurement of deformation and strain in materials under very high strain rates. Trilion is teamed with Dr. Amos Gilat of Ohio State University, an expert in split Hopkinson research.

**ABOUT:** Trilion Quality Systems distributes optical inspection equipment for 3D image correlation within North America. Our photogrammetry products capture high speed test data for material and product testing in automotive, biomechanics and defense fields. Data produced with our systems may be used to validate finite element analyses verify production molds or dies. Our technologies include dynamic photogrammetry, shearography NDT and ESPI digital laser holography.

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