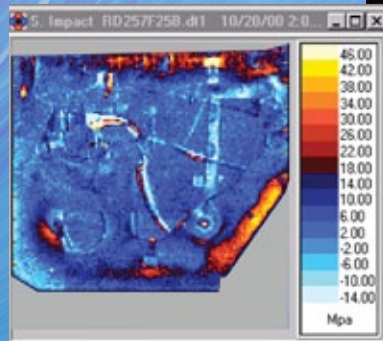
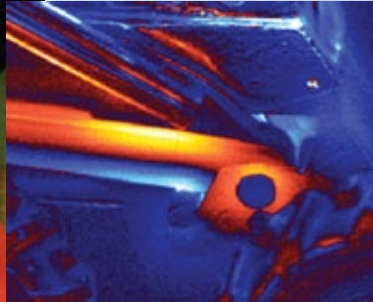


STRESS-CHECK

Advanced Stress and Fatigue Measurements

IR-NDT TECHNOLOGY



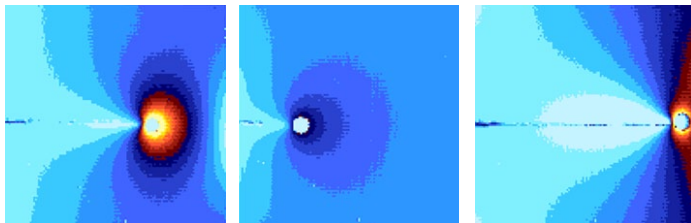
Modern Thermoelastic Stress Analysis (TSA) shows

- ✓ DYNAMIC STRESS PATTERN CONCENTRATIONS
- ✓ FATIGUE LIMITS
- ✓ CRACK PROPOGATION

*Discover the next generation of thermography, delivering
Unprecedented speed, accuracy and sensitivity.*

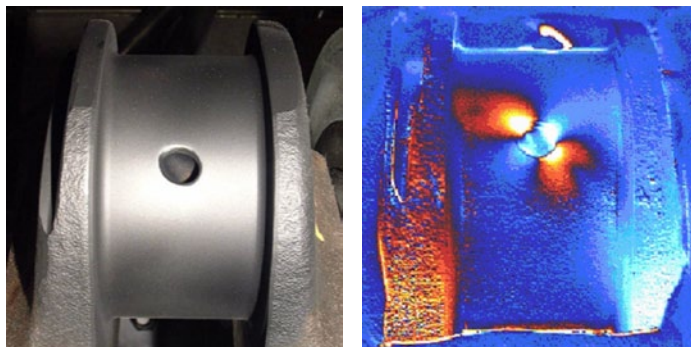
Advanced testing of metals, composites, plastics, glass, bone, concrete....
Test microscopic samples to entire aircraft, radar domes, bridges....

Monitoring Crack Growth



- *Design comparison (A vs. B)*
- *Life and failure location prediction*
- *FEM validation*

Visualization of Stress Patterns (2" wide notched steel specimen)



- *Stress field visualization*
- *Material Characterization*
- *Check on "as-manufactured" design*
- *Rapid stress analysis*
- *Composite material damage analysis*
- *Fracture Mechanics*

Truck Crankshaft in Torsion Test--around the lub hole.
Measurement time: 1 second

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