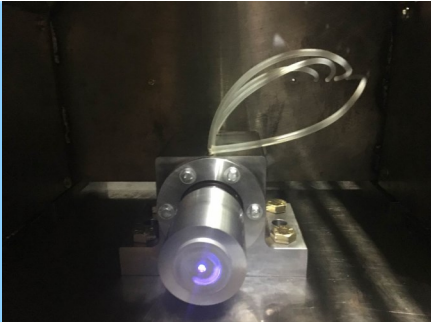
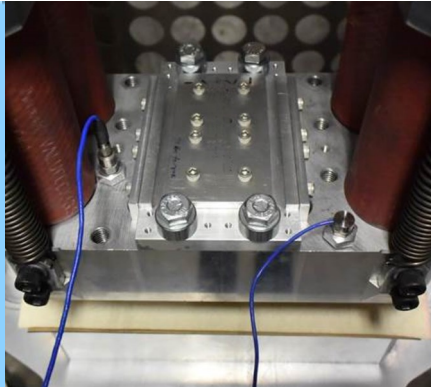


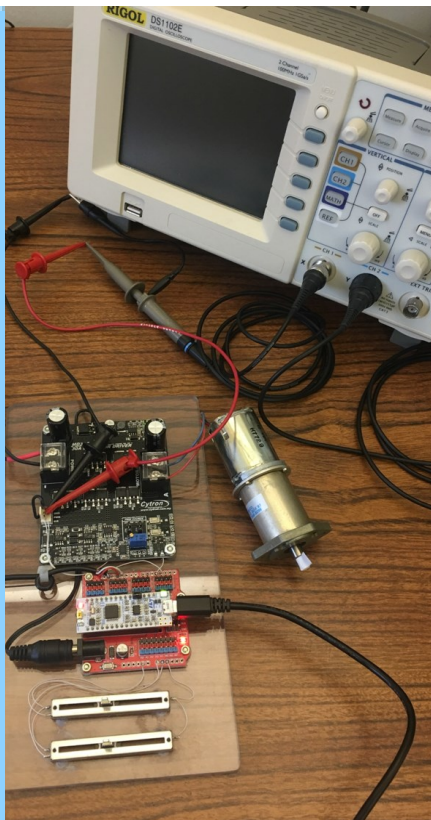
High Speed Rotor Rig



High-g Shock Table



Hardware-in-the-Loop Testing Platform



Pneumatic Soft Launch System



Test and Evaluation

Prototype testing and evaluation is done in-house using Orbital's customized testing equipment designed to provide a broad range of testing conditions compliant with military and industry standards. Orbital's **HIL (Hardware-in-the-Loop) Testing Platform** includes software simulations with a proprietary hardware interface.

Evaluation of prototype survivability/reliability is performed using custom built testing equipment at our subsidiary, Orbital Test Services, LLC (OTS).

A custom built **High Speed Rotor Rig** allows sustained high speed spin testing of electronic components and hardware systems under simulated high centrifugal environments .

Orbital's specialized **High-g Shock System** enables project managers and engineers to perform comprehensive testing and demonstrate survivability of prototype devices and components in relevant high-g environments at a fraction of the cost of actual field-demonstrations.

Conversely, our customized **Pneumatic Soft Launch Test System** is designed to evaluate prototypes in a relevant aerodynamic environment without the high-g shock of gun-launch.

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