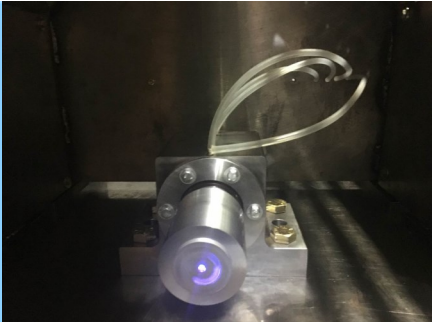
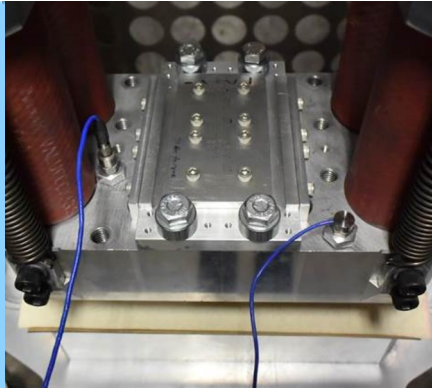


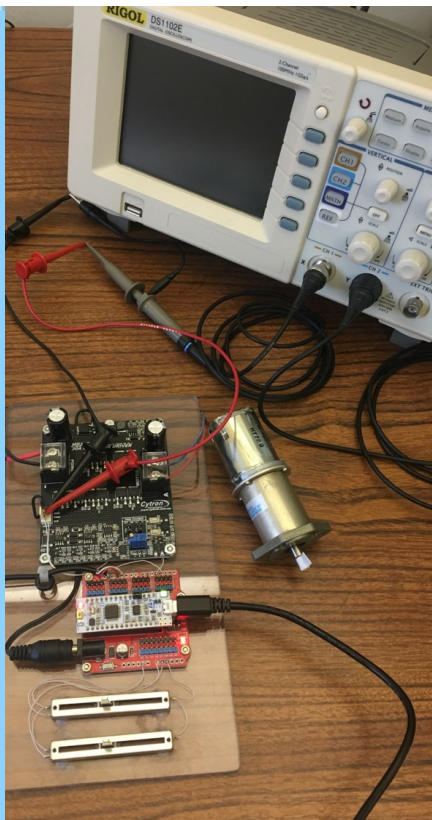
High Speed Rotor Rig



High-g Shock Table



Hardware-in-the-Loop Testing Platform



## Weapons Systems and Military Products

### Test and Evaluation

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

OTS, a subsidiary of Orbital Research, performs all testing and evaluation of prototype survivability/reliability using custom-built testing equipment.

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

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

Pneumatic Soft Launch System



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