



KURTEK

CURATED TECHNOLOGIES

ADVANCING TECHNOLOGY ♦ ADVANCING HUMANITY

INTEGRATED SYSTEMS ENVIRONMENTAL QUALIFICATION

KEY CAPABILITIES

Target Environments ♦ Portable Equipment ♦ Field Installations ♦ Underground Installations ♦ Vehicle-Mounted Equipment ♦ Marine Installations ♦ Fixed-Wing and Rotor-Wing Aircraft ♦ High-Altitude Balloons ♦ Launch Vehicles ♦ Spacecraft

Environmental Constraints ♦ Temperature and Freeze/Thaw ♦ Pressure ♦ Sand and Dust ♦ Acceleration and Vibration ♦ Acoustic Noise ♦ Shock and Impact ♦ Humidity ♦ Atmospheric Acidity ♦ Contamination ♦ Solar Radiation ♦ Electrostatic Discharge ♦ Electromagnetic Interference

Deploying and operating electronic systems in the field requires hardening to meet environmental constraints. Kurtek provides environmental design and qualification expertise that combines rigorous application of standards and best practices, proven implementation and test experience, and extensive heritage with a variety of mission profiles, enabling programs to achieve rapid and cost-effective development and qualification of discrete components, assemblies, and integrated systems for use in field, flight, and space environments.

and qualifying systems for a variety of operating environments and constraints, ranging from portable equipment, field installations, and vehicle mounts to aircraft, balloons, launch vehicles, and spacecraft. We have planned and implemented rigorous qualification programs to meet the requirements of MIL-STD-810, MIL-STD-461, DO-160, and IEC 60068, leveraging multidisciplinary engineering teams, external test laboratories, and specialized material and component suppliers to deliver reliable and consistent results.

Working with Kurtek gives you access to a proven combination of experience and expertise from across the global space industry. Our engineers have designed numerous flight and ground systems, and their comprehensive knowledge, broad mission experience, and specialized skillsets enable us to deliver an effective solution for your unique needs.

REPRESENTATIVE PROGRAM

- Designed, integrated, and validated satellite communications hardware components and assemblies to meet MIL-STD environmental and electromagnetic interference requirements for use aboard maritime patrol aircraft operating in Arctic environments.

To learn more about our capabilities, email us at info@kurtek.io or call our team at **703-943-7236**.