



Environmental Test Facility

U.S. Dynamics Corporation has extensive in-house environmental testing capabilities to insure that the products we repair meet the temperature, altitude, vibration and humidity requirements for the military and aerospace operating environment. These facilities are also available to outside companies to support your environmental testing requirements. If you are interesting in receiving a quotation or additional information please e-mail sales@usdynamicscorp.com.

Let U.S. Dynamics support your legacy, mature and present day depot repair and factory new build requirements with our talented staff of engineers and technical associates.



In-house Environmental Testing Capabilities

Equipment

Russels RBH-35-10-10-A/C, 27 CU FT, Temperature/Altitude Chamber
Altitude - 0 - 150,000 ft

Tenney 12ST100/350, 12.5 CU FT, Temperature/Altitude Chamber
Altitude 0 - 60,000 ft

Thermotron F-62-CHV-25-25/ECA, 61 CU FT, Temperature Chamber
Vibration Capability

Thermoton S16 MiniMax, 15.5 CU FT, Temperature Chamber

Associated HK-5108, 8 CU FT, Temperature/Humidity Chamber

LDS Model V810 Vibration Table

Contraves Angular Vibration Table

Assorted High Precision Rate Tables

Anechoic Chamber



USD can design and fabricate any fixtures that would be required for testing. We can also build test equipment to run operating tests during environmental testing.

All Chambers can achieve -55 to +125 deg C temperature range



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Partial List of Equipment Available for Test and Evaluation includes:

- Tektronix Oscilloscopes
- Tektronix AC Current Probes
- Tektronix Differential Probes
- Tektronix High Voltage Probes
- Hewlett Packard D.V.M.'s and Data Acquisition Units
- Keithley D.V.M's and Switch Boxes
- Generator 10 KVA, 3 Phase, 400 Hz
- Sorenson DC Power Supplies
- Superior Electric Auto-transformers
- Hipotronics HiPot Tester

Other Test Equipment available upon request