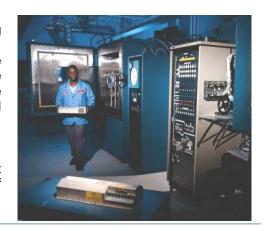


## **Environmental Test Facility**

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







# **Environmental Test Facility**







#### 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