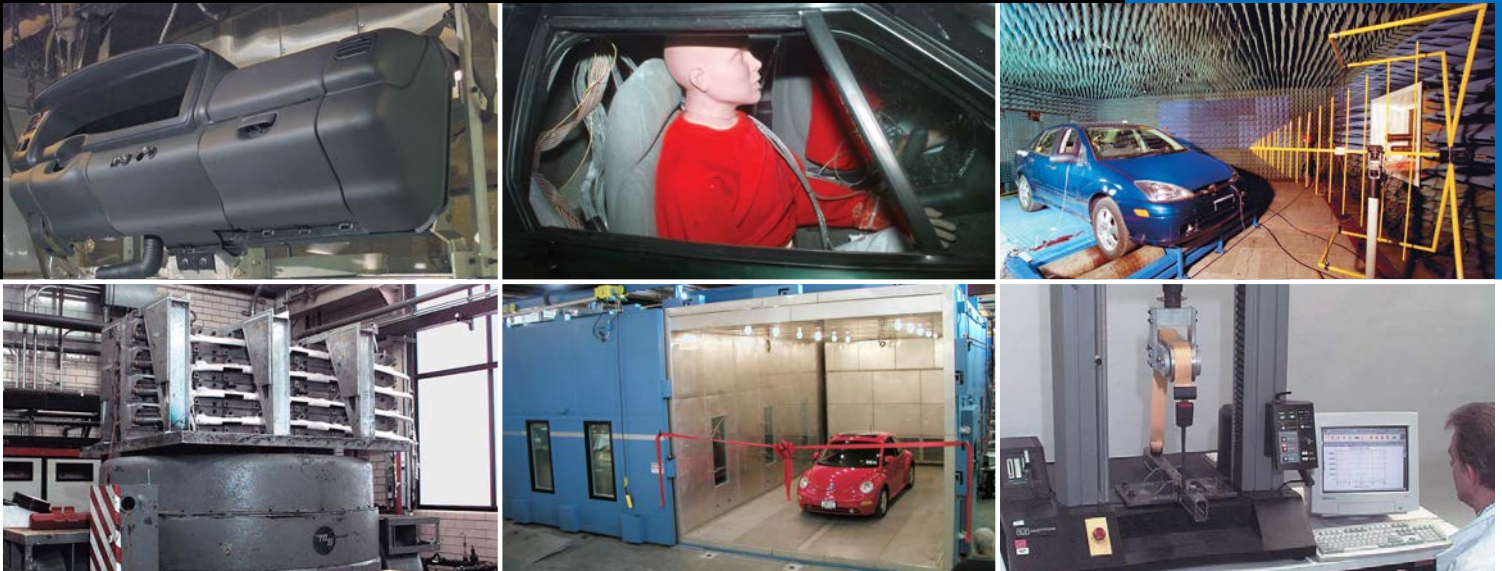


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### TESTING

- Simulate and record natural and induced environments on units under test.
- Test to Government, military and commercial specifications and standards.
- Perform nondestructive and destructive testing.
- Operate unit under test and verify its performance.
- Develop control plans, test plans, test procedures.
- Analyze test data and document in a formal test report.

Climate/Atmospheric Simulations  
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 Combined Environments  
 Wind & Rain  
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 Sand & Dust  
 Humidity  
 Fungus  
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 Solar Radiation  
 Thermal Vacuum  
 Altitude

Optical Testing  
 Distortion Analysis  
 Luminous Transmittance  
 Reflectance  
 Prism Measurements  
 Laser Power  
 Spectrophometric Analysis  
 Haze  
 Diffuse Transmittance  
 Spherical and Cylindrical Power  
 Neodymium Laser (1.06u)  
 Light Intensity  
 Chromaticity

Electromagnetic Environment Simulation  
 Electromagnetic Compatibility (EMC)  
 Electromagnetic Interference (EMI)  
 Radiated Frequency Interference (RFI)  
 Electromagnetic Pulse (EMP)  
 Electromagnetic Vulnerability (EMV)  
 Radiation Hazard  
 FCC  
 Lightning  
 Transients  
 Electrical Disturbance  
 Electrostatic Discharge (ESD)  
 Low Level Swept Coupling  
 Bulk Current Injection  
 TEMPEST

Dynamic Simulation  
 Vibration: Electrostatics,  
 Electrohydraulic, Mechanical  
 Acceleration  
 Inclination  
 Acoustic Noise  
 Shock: Classical, Pyro, Gunfire,  
 Hammer (Light & Medium Weight),  
 Windblast, Catapult

Hydraulic/Pneumatics Testing  
 Proof Pressure  
 Contamination  
 Leakage  
 Hydrostatic Burst  
 Flow  
 Soak/Deterioration

Mechanical Testing  
 Fatigue  
 Stress  
 Magnetic Particle  
 Liquid Penetrant  
 Tensile

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 Failure Analysis  
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 Reverse/Re-Engineering  
 Software Development  
 ATE Software Design & Development  
 Data Acquisition & Interface

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