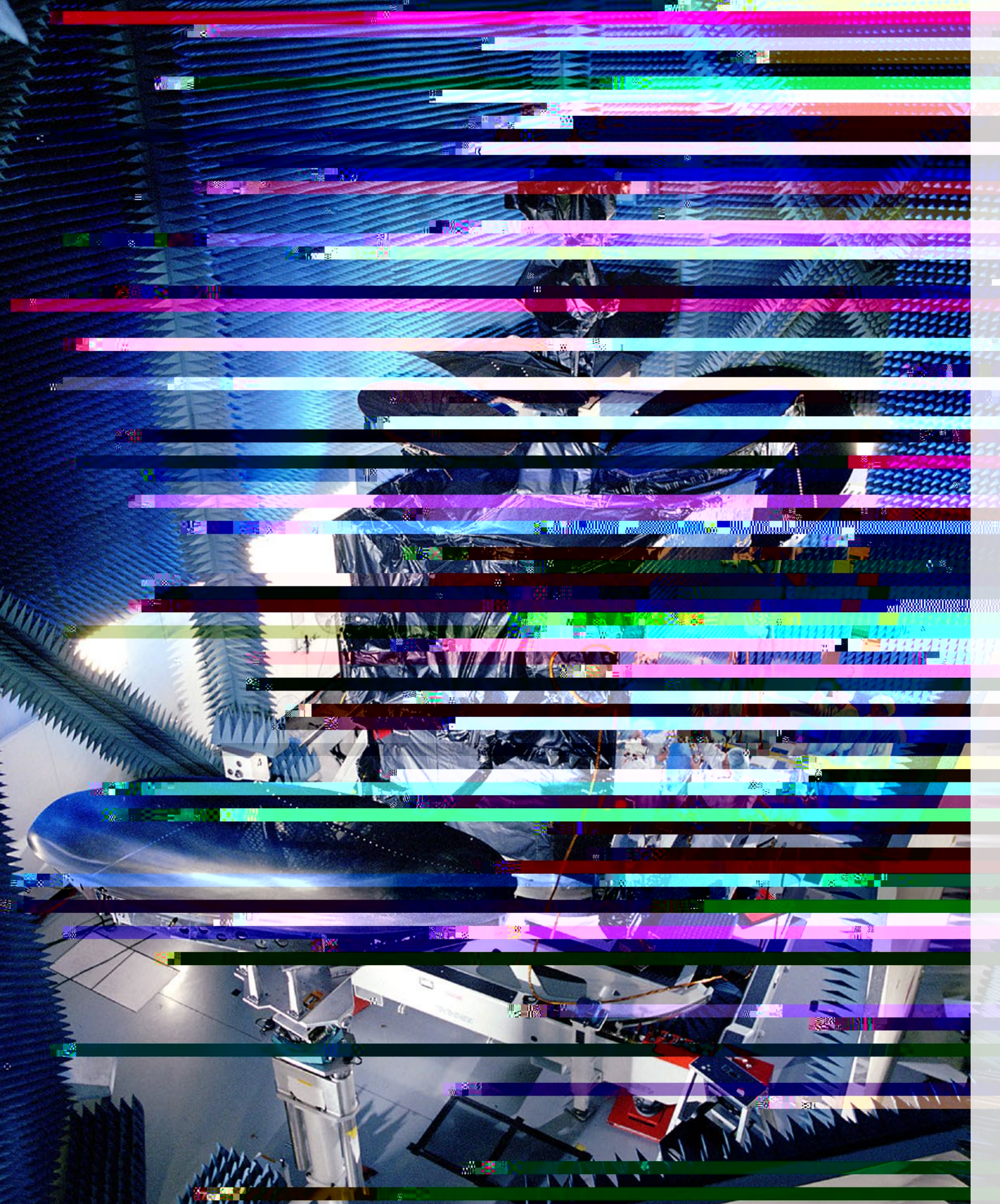


# Boeing Testing Services

State-of-the-art testing facilities

Global Services



Anechoic chamber, El Segundo, CA

# Put Boeing to work for you.

**Boeing Testing Services** is your single point of contact for access to the Boeing facilities, equipment, and technical expertise that have produced some of today's most innovative products.

## Capabilities

### Wind Tunnels

- Subsonic wind tunnel (BVWT, 20 by 20 ft)
- Transonic wind tunnel (BTWT, 8 by 12 ft)
- Polysonic wind tunnel (PSWT, 4 by 4 ft) subsonic, transonic, supersonic
- Icing wind tunnel (BRAIT, 4 by 6 ft)
- Low-speed aero-acoustic facility (LSAF)

### Propulsion

- Nozzle test facility (BNTF)
- Rocket engine testing
- Supersonic inlet testing
- Fuel systems and components testing
- Technology inlet diffuser testing systems
- Fire and hazardous testing (QWIS)
- Halon testing

### Environmental

- Arc-jet heater for wedge and stagnation testing
- Thermal cycling and space simulation
- Dynamic environments – vibration, shock, reverberant and anechoic
- Interior noise test facility (INTF)
- Sand erosion
- Air flow lab
- Ground vibration testing

### System Test/System of Systems

- Live virtual constructive testing
- Distributed test
- Cyber testing

### Electromagnetics

- Antenna and radar cross-section testing ranges
- EMI/EMC chambers
- Aircraft system testing - safety of flight and high-intensity radiated field (HIRF)
- Direct effects testing
- Indirect effects testing
- RF/IR material testing
- Tempest testing

### Structures

- Full-scale static testing
- Full-scale fatigue testing
- Structural modal analysis
- Component testing
- Bird strike

### Flight Test

- Flight test specialized equipment (e.g. Hot fuels testing)
- Flight test planning and conduct
- Test support aircraft/flying test bed
- High speed chase and photography
- Flight test safety expertise
- Pilots and navigation support
- Supplemental type certification
- Modifications and maintenance
- Dedicated flight range

### Other Services

- Functional check flight training
- Advanced developmental composites
- Model and test design/build
- Additive manufacturing







Contact Boeing Testing Services for  
more information or request a quote at:  
<http://www.boeing.com/bts>

**Boeing Testing Services**  
P.O. Box 3707, MC 11-204  
Seattle, WA 98124-2207