

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

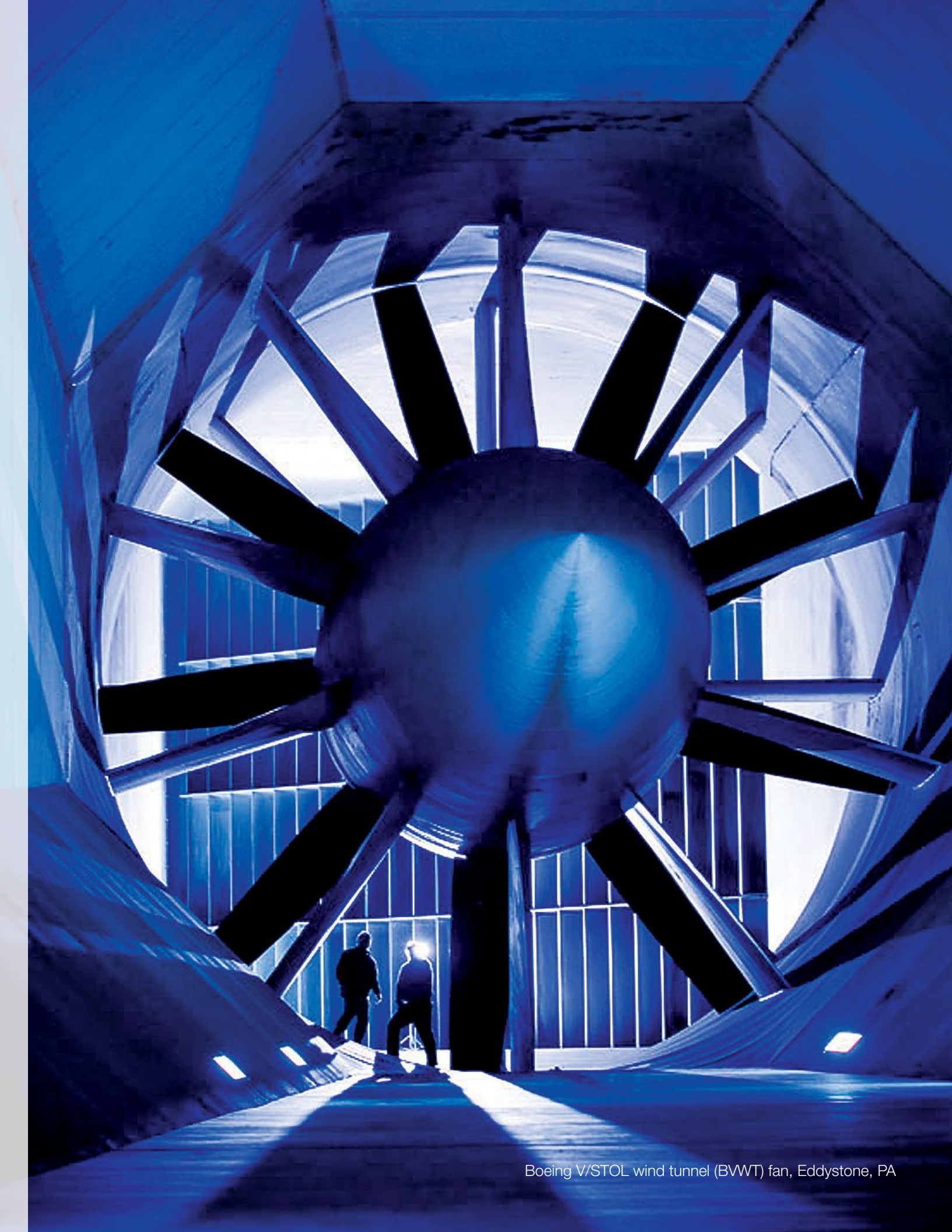
Other Services

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

We have more than 200 testing facilities in 7 major locations across the United States.

Boeing Testing Services contracts with companies, educational institutions and government organizations for use of Boeing laboratory facilities throughout the United States.





Boeing V/STOL wind tunnel (BVWT) fan, Eddystone, PA



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