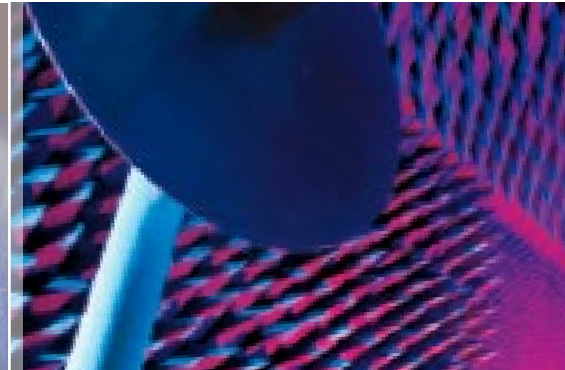
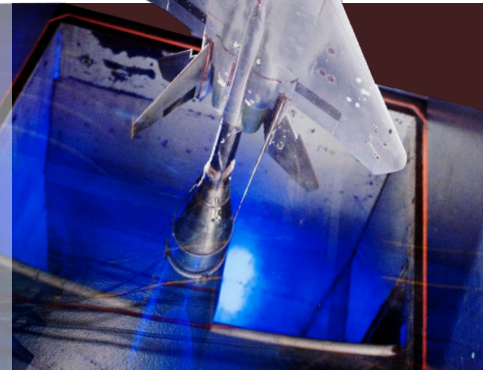
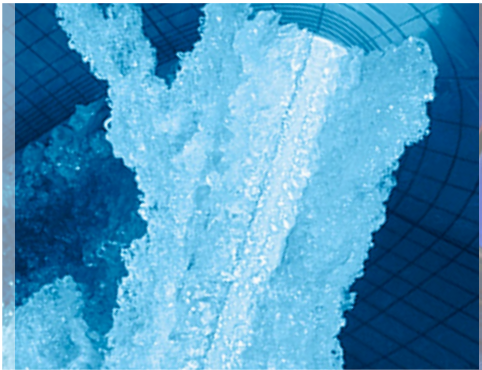
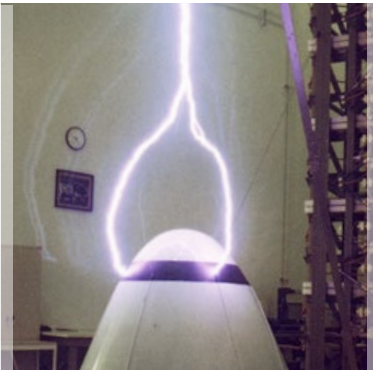
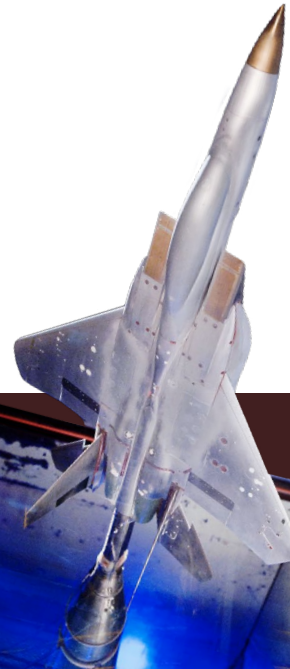




Boeing Technology Services



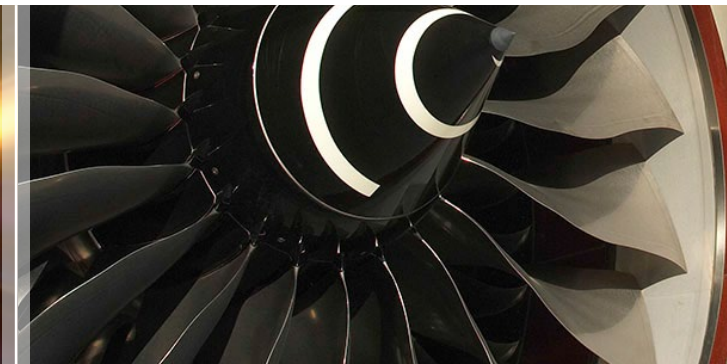
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Your direct connection to the technical resources of The Boeing Company

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Capabilities

Wind Tunnels

- Subsonic wind tunnel (BWWT, 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

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

Electromagnetics

- Antenna and radar cross-section testing ranges
- EMI / EMC chambers
- Aircraft system testing - safety of flight and high-intensity radiated field (HIRF)
- 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

System Test / System of Systems

- Live virtual constructive testing
- Distributed test
- Cyber testing

Flight Test

- Flight Test planning and conduct
- Test support aircraft / Flying test bed
- High-speed chase and photography
- Flight Test safety expertise
- Pilots and navigation support

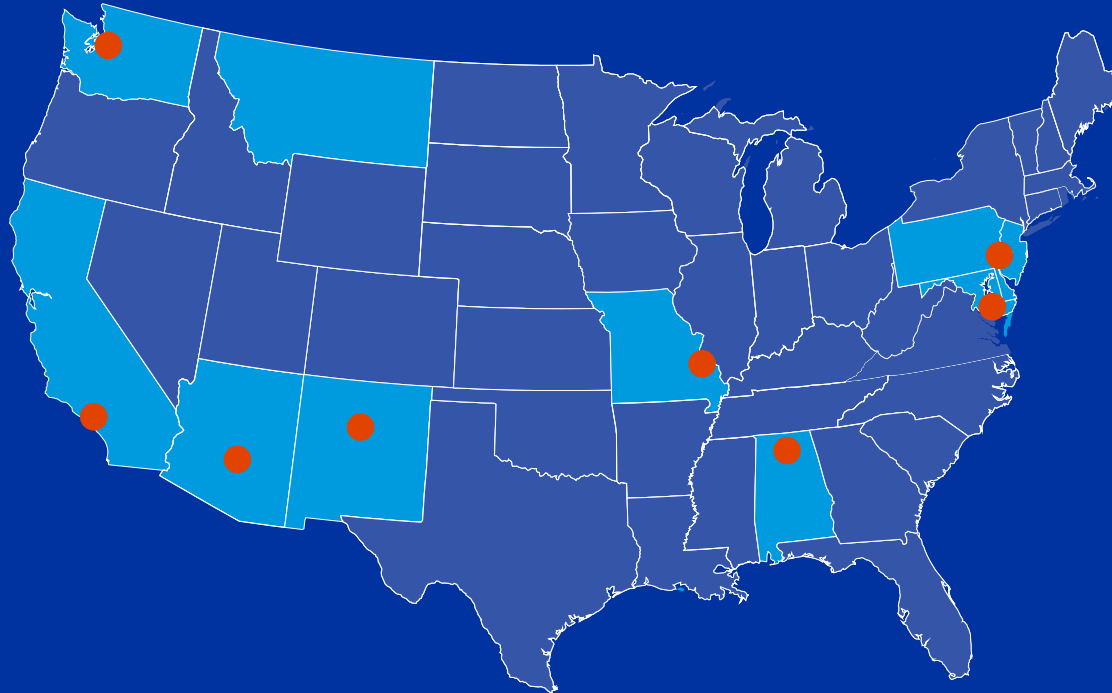
- Supplemental type certification
- Flight Test specialized equipment (e.g. hot fuels testing)
- Modifications & maintenance
- Dedicated flight range

Other Services

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



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

Boeing Technology Services Contacts

To join the many companies using testing resources available at Boeing, contact Boeing Technology Services via our website at <http://www.boeing.com/bts>

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