



Aerospace & Aeronautics

Aerospace engineering spans a broad range of interdependent fields, including aerodynamics, avionics, structural and materials science, propulsion and launch systems, and flight control systems. The aeronautics industry has deep roots in the Pacific Northwest, which has been home to generations of aviation pioneers and innovators. Today, aerospace manufacturing, research, and development continue on a massive scale, supported by manufacturers, component suppliers, and research facilities.

Several of our attorneys have experience in the aerospace and aircraft industries as engineers, process control specialists, and production engineers, with backgrounds in aerodynamics, structures, materials science, propulsion, and flight control systems. This hands-on experience gives us a better understanding of our clients' unique challenges in this exciting field.

Our attorneys have experience across a diverse array of aerospace technologies, including:

- Aircraft landing gear
- Aircraft ground power units (GPU)
- Antennas, lasers, and communications systems
- Armament Carriage Systems
- Aerospace system integration
- Communication satellite systems
- Composite materials
- Computational fluid dynamics
- Deployable structures
- Electric propulsion thrusters
- Heat recovery systems

- Hydraulic/pneumatic systems and controls
- Advanced internal combustion engines
- Jet engine design
- Microelectronics
- Nozzle design
- Orbital and suborbital launch systems
- Orbital mechanics
- Power generating systems
- Required Navigational Procedures (RNP)
- Satellite bus
- Semiconductor manufacturing
- Solid and liquid fueled rocket engines
- Spacecraft thermal management
- Vehicle aerodynamics
- Wireless power transmission