



# Statement of Services

We provide specialized engineering consulting for the **aerospace and ground support industries**, with expertise in:

- **Mechanical Design & Analysis**  
Stress analysis, finite element modeling, ASME code compliance, and component life evaluation.
- **Cryogenic Systems**  
Engineering of cryogenic piping, vessels, and **cryogenic pumps** for aerospace and industrial use.
- **Fluid & Thermal Systems**  
Compressible and incompressible flow analysis, **computational fluid dynamics (CFD)**, thermal modeling, and piping system optimization.
- **Ground Support Equipment (GSE)**  
Design and development of pneumatic, hydraulic, and cryogenic ground support hardware and test stands.
- **Fabrication Support**  
Design-for-manufacture guidance, vendor coordination, and oversight to ensure quality and cost-effective builds.
- **Project Management**  
Full lifecycle support, from concept through delivery, including scheduling, budgeting, and technical leadership.
- **Regulatory Compliance**  
Guidance with ASME, ASTM, NASA, and aerospace standards to ensure safety and certification readiness.
- **Custom Engineering Solutions**  
Tailored designs and consulting for unique challenges in aerospace and high-technology sectors.