Elemental Flight Sciences® (EFS)

Aerospace Engineering Consulting

Capability Statement

Website: EFSengineers.com | Email: info@efsengineers.com | Phone: 321-483-1310
UEI: KZJPWEBFNBU2 | CAGE: 14FX8 | DUNS: 13-016-3613 | HQ: Orlando, FL
SBA Certifications: Service-Disabled Veteran-Owned Small Business (SDVOSB/VOSB)
Security Clearance (PCL): Top Secret/SCI

NAICS Codes:
541330 – Engineering Services | 541690 – Other Scientific & Technical Consulting Services

Core Competencies

- Reliability Engineering (Prediction, FMEA, FTA, RBD, FRACAS, FRB, RaaS ™)
- Systems Engineering (Architecture, Life-Cycle Management)
- Systems Safety Engineering (FHA, Risk Assessments, Safety Analysis)
- Regulatory Compliance (14 CFR, 49 CFR, FAA Part 450, Aviation & Space Law)
- Technical Consulting & Expert Witness Services (Air & Space Technology)

Differentiators

- Licensed Professional Engineer (P.E.) in CO, GA, AL, MD, WA, CA, TX, FL
- Certified Reliability Engineer (CRE) – American Society for Quality
- Federal Program/Project Management Certified (FAC P/PM)
- Nearly 20 years of aerospace experience with NASA, Boeing, Northrop Grumman, FAA
- Security-cleared personnel for sensitive programs
- Agile, remote-first structure with scalable resources for large projects

Past Performance Highlights

Project	Role
NASA Aeronautics Mission Directorate	Research Project Management
Artemis I Lunar Mission	Reliability & Systems Engineering
Boeing B-52H Engine Replacement	Requirements V&V, Config. Management
Northrop Grumman Lunar Gateway	Reliability Analysis, MBSE
FAA Hazardous Materials Safety	Technical Advisor, Regulatory, Safety

Elemental Flight Sciences® combines technical rigor, regulatory expertise, and mission-critical reliability to deliver safe, compliant, and innovative solutions for aerospace programs. We are a trusted partner for government agencies and private firms seeking engineering excellence and risk mitigation.

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