



**BRILLIANT
AEROSPACE**

Electronic Engineering Services CAPABILITY STATEMENT

UEI: GCQYKH47P658
CAGE: 9HGN8

Mission Statement: Our mission is to empower our customers with quality quick-turn technical solutions and to provide the unique skills required to complete complex technical tasks.

COMPANY OVERVIEW

Brilliant Aerospace was founded in 2023 as the natural evolution of supporting numerous aerospace projects and programs. With over 15 years of experience in military & aerospace engineering, Brilliant Aerospace has helped customers develop, test, manufacture, & troubleshoot electronic products for a wide range of applications. Brilliant Aerospace is an agile small business capable of responding quickly to customer needs.

TECHNICAL SERVICES

Brilliant Aerospace provides the following services for Electrical, Electronic and Electromechanical (EEE) assemblies:

- Design Optimization & Deficiency Reviews
- Design & Development (hardware & software)
- Modification (TOs, TCTOs, etc.)
- Testing (QTP, ATP, etc.)
- Manufacturing & Re-manufacturing
- Troubleshooting & Repair
- Reverse Engineering, Redesign
- Research

Relevant Product Examples:

- Cables & Harnesses
- Printed Circuit Board Assemblies (PWA/PCBAs)
- Electronic Assemblies (controllers, actuators, sensors, etc.)

-PRIMARY INDUSTRY -

NAICS CODES

Brilliant Aerospace provides a variety of quality design & manufacturing services under the following NAICS:

541330 - Engineering Services

541715 - Research & Development, Engineering

541690 - Other Scientific and Technical Consulting Services

541380 - Testing Laboratories and Services

335931 - Current Carrying Wiring Device Manufacturing

334412 - Bare PCB manufacturing

334418 - Printed Circuit Assembly (Electronic Assembly) Manufacturing

334419 - Other Electronic Component Manufacturing

334519 - Other Measuring and Controlling Device Manufacturing

QUALITY COMMITMENT:

Providing consistent top-quality products & services is our priority. Our proactive approach to the quality process ensures that issues are identified & addressed immediately, minimizing impacts to our customer's projects.

EXPERIENCE

-Military-

MMIII ICBM - BCI
MMIII ICBM - SACCS-R
MMIII ICBM - ICU-II
MMIII ICBM - RVA-II
JSTARS ASE & ATE
SM-3 & ALCM

-Space-

Lunar battery controller
ISS CDRA (CO2 scrubbers)
ISS 1553 troubleshooting
ISS GbE troubleshooting
ISS PSU troubleshooting
Orion ADIO & PDU ATE design

-Commercial Aerospace-

A350 XWB CDM & VCRU
A380 WWS
Various controllers
System architecture upgrades
Manufacturing
Testing

UNIQUE ATTRIBUTES

- Unmatched creativity in both ideation and design solutions
- History of solving challenging issues where others have been unsuccessful
- History of winning autonomous robotics design competitions
- History with legacy and aging system maintenance & reverse engineering
- Over 15 years developing and testing military & aerospace products
- Strong design, development, and manufacturing capabilities
- Experience interfacing with government customers on large programs
- Strong leadership skills & responsibility ownership
- Exposure to a wide range of systems & issues

COMPANY PROFILE

Brilliant Aerospace LLC

CAGE: 9HGN8

DUNS: 118960155

UEI: GCQYKH47P658

Set Asides: Small Business [WOSB Pending]

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COMPLIANCE

- **ISO 9001** Certified
- **NIST SP800-171** Compliant
- **ITAR** Compliant
- **IPC** Certified
 - IPC-J-STD-001 (with space)
 - IPC-A-610 (CCAs)
 - WHMA/IPC-A-620 (cables)