



[www.graceaero.com](http://www.graceaero.com)

- Founded in 2001 by former Northrop Grumman Engineers, Program and Operations Managers, bringing many years of industry experience and know how. Our robust supply chain gives GRACE Aerospace the ability to support your product needs.
- GRACE Aerospace will assign dedicated teams to support your electrical, structural and engineering requirements, managing your projects from inception to completion resulting in **turnkey solutions**.
- Through focused customer support and liaison engineering, customers are provided with **high-quality products and rapid turnaround**. We deliver on time or ahead of schedule.

**NAICS Codes:**

336413 – Aircraft Parts Manufacturing  
336414 – Manufacturing prototypes  
541330 – Engineering Services  
332322 – Sheet Metal Work  
332710 – Machine Shop  
332721 – Precision turned MFG  
332999 – All other metal MFG  
334418 – Printed Circuit Card Assembly  
336419 – Manufacturing guided missiles



## Program Management / Systems Integration



- **GRACE Program Management** works with the customer to document all aspects of program requirements, schedule, delivery, quality
- **Engineers review** customer drawings and create 3D Models for CAD/CAM - **Obsolescence resolution** for aging/legacy aircrafts.
- **Quality Engineering reviews** all customer quality requirements and generates quality plan
- **Turnkey systems integration** of complex electro-mechanical systems
- **Vertical Integration** of fabricated components, purchase components and wiring sub-systems
- System **Electrical and Mechanical testing**, electrical bonding, hi-pot, etc.

## Current Programs



### **Weapons Systems / Aircraft Programs**

- P3/EP-3
- P8
- E2C/E2D
- EA6B
- F-5
- F-16
- F/A-18
- T-45 Trainer Programs

### **Military & Commercial Customers:**

- Northrop Grumman /Platinum Source supplier
- Vertex Aerospace
- Tactical Air
- Boeing Approved Supplier
- United States Navy / Air Force
- Lockheed Martin – CPP Hologram Provider
- Blue Aerospace
- MHD Rockland
- Kellstrom Industries/All Clear Holdings



## Electrical Manufacturing Capabilities



- Wiring harnesses
- Wire braiding
- Cable and harness fabrication
- Perform wire cutting and marking
- Control panels - Avionics/electro-mechanical assemblies
- Printed Circuit Card design and fabrication (SMT and single sided boards)
- Integration





## **E-10 Replacement Cables - Prototype & Follow-On**

GRACE Aerospace has manufactured prototype E10 cable assemblies to replace the in-wing Kapton wiring and Struts/Engine wiring - adding disconnects which allow removal of engines more easily during maintenance.

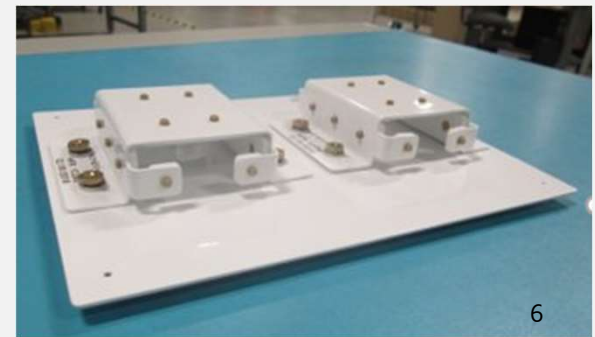


## **EA-6B USB-ENTR Kits**



## CNC Structural Machining & Fabrication Capabilities

- CNC Machining with 3 and 4-axis mills 60x30x24" bed for single set up
- Waterjet machining – up to 12 foot by up to 5-foot-wide sheets of material
- Manual knee-mills and turning (lathe) work centers – precision machining
- CNC and Manual Fabrication (60x144" panels)
- CNC and Manual Bending



## CNC Structural Machining & Fabrication Capabilities



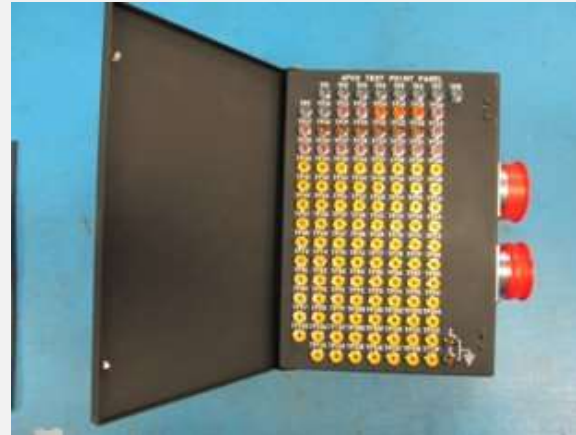
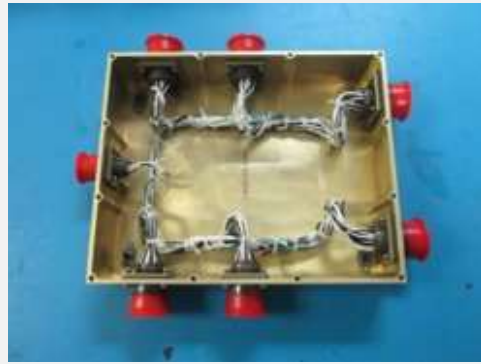
- Aluminum (CRES, CRS), Stainless Steel, Titanium, Exotic Metals, Plastics, Phenolic
- Brackets, hinges, heat sinks, panels, enclosure fabrications; cases for inclusion of wiring harnesses, cable assemblies and edge light panels (power distribution boxes, cockpit control panels etc.)
- Assembly (riveting, welding, soldering)
- Metal Finishes include Chemical Conversion, prime, paint, heat treating, plating, passivation, anodizing, & NDT (nondestructive testing) Internal and Supply Chain



## E-6 Crypto-Medley Kits

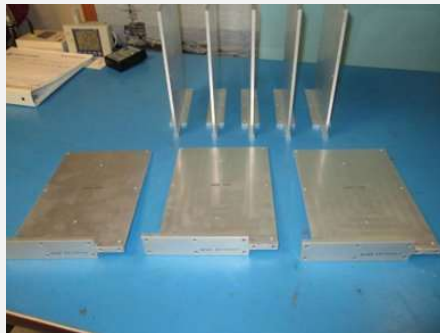


**Pictured below is the Junction Box, side covers and cable guards for E-6 Crypto Aircraft Modification.**



## E-6 Heat Sinks/Brackets/JBox Cases

**Pictured below are Heat Sinks, Power Supply Brackets and Junction Box Cases provided to E-6 as part of the Crypto Medley Upgrade.**





# Power Distribution, Test & Ground Support Equipment



- UUT (Unit Under Test) ID – (Interface Devices)
- Internal System Wiring
- Design and Fabricate UUT Interface Cabling
- Flexible and Rigid Circuit Card Assemblies
- Test Parameters and Technical Documentation (PUBS)





## Secure Facilities

- Approximately 45,000 square feet of manufacturing space to support your needs
- DOD Secure Facility (DD254)
- Modern Equipment
- Environmentally controlled material storage
- Automated Materials Management System
- High-bay manufacturing facility
- Two (2) loading docks



**13541 Lake Newman St. Jacksonville, FL 32221 // CAGE 7SJT8 // 080518977  
1 Corporate Dr. Suite 2 Holtsville, NY 11742 // CAGE 1UVW2 // 032696721**

## Certified Lockheed Martin Hologram Parts Provider



### Grace Aerospace, LLC.

This grant of rights verifies the highest aircraft OEM quality assurance and is accompanied by the full authority and privilege to manufacture Lockheed Martin parts in accordance with Agreement GLD-12CP-P3-01. This certificate is valid through 31 December 2023.

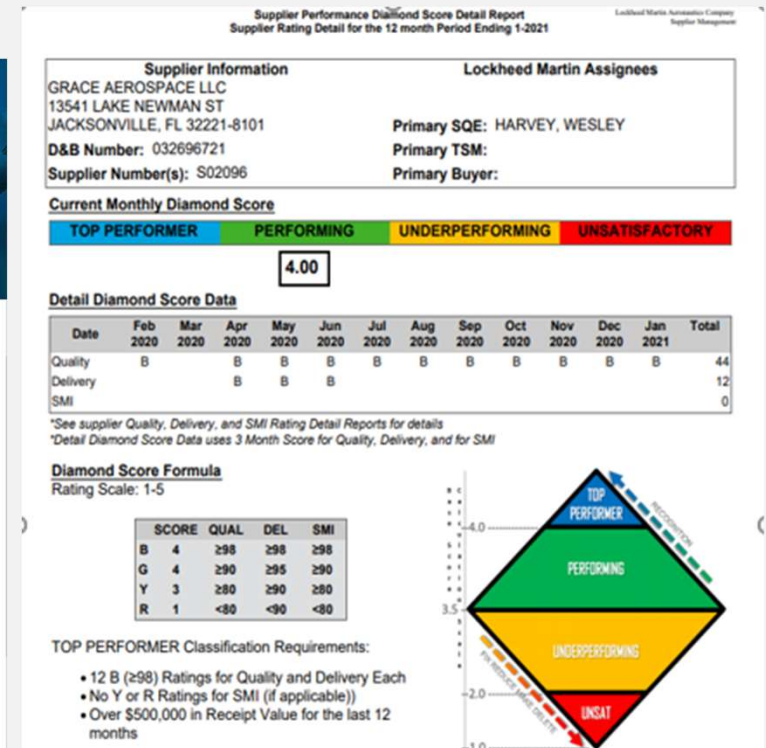


*Kaitlin Hill*

Kaitlin Hill  
AMMM Contracts Negotiator



## 100% Supplier Quality Rating



## Contact information



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## Why GRACE?

- 20 years of demonstrated past performance with high score card ratings from key customers including US Navy, Vertex, Tactical Air, Northrop Grumman and Lockheed Martin
- AS9100D / ISO 9001:2015 Certified
- ITAR Registered
- Supporting local & small businesses
- GRACE Aerospace is a Woman Owned Small Business; certified SBA WOSB
- Mission focused
- Priced to Win
- Pride ourselves in operating with highest ethics and integrity standards

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