Vertex Aerospace’s Aircraft Integration & Sustainment Division specializes in high-end aircraft engineering, fabrication, installation, modification, systems integration, and logistics support for both government and commercial platforms. As an ISO 9001:2015 and AS9110C/D registered company and through implementation of Lean Six Sigma processes, we have developed a “quality culture” that is committed to:

1) Maintaining focus on the needs and expectations of our customers
2) Capitalizing on the knowledge, skill, and talents of our employees
3) Placing emphasis on continuous improvement in everything we do.

Vertex is committed to being your first choice for Aerostructures and Aircraft Engineering and Modifications. We have perfected the balance of cost, schedule, performance, and supportability and is able to offer best-value services that meet government and commercial program requirements.

We are able to deliver these rapid solutions while minimizing risk and fostering solid working relationships. We support, repair, and maintain aircraft and components to Federal Aviation Administration (FAA) and military standards. We attribute our success to accomplishing program tasks in a way that is most advantageous to our customers.

**AIS SUPPORT:**

- We maintain and support multiple industry prime approvals, such as Nadcap certification in Heat Treating, Chemical Processing, Welding, and Non-Destructive Testing.
- AIS provides Maintenance, Modification, Repair, and Overhaul for multiple platforms at our FAA Repair Station Part 145 for both government and commercial customers.
- “Thru-Life” Maintenance & Modification Support
- On-site or On-call Senior Systems Experts
- Aircraft Battle Damage Repair Engineering
- Aircraft Condition Evaluation
- Usage Spectrum Assessments
- Mishap Investigation/Recovery Support
- Deployable Worldwide

**GLOBAL SOLUTIONS**

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Vertex's Aircraft Integration & Sustainment Division prides itself on its versatility and unique ability to fabricate on-site approved aircraft replacement parts for OEMs, mitigating extended down-time. We offer innovative approaches for increasing aircraft availability and decreasing sustainment costs.

MODERNIZATION AND MISSIONIZATION:
- Requirements Analysis & Research
- Modeling and Prototyping
- Non-Recurring Engineering
- Technical Data Package Development

AIRCRAFT MODIFICATION:
- Maintenance, Modification, Repair, and Overhaul
- On-Site Fabrication of Replacement Parts
- Supply-Chain Management
- Major and Minor Assemblies and Modification of Fixed and Rotary wing platforms

KITTING & TESTING:
- Kit Accumulation & Management
- Bonded Storage and COMSEC Accounts
- Mod Installation and Testing conducted globally by Depot-Level Artisans
- Red-lining Drawings and Procedures

AEROSTRUCTURES:
- Horizontal, 3, 4, and 5 Axis Milling
- Sheet Metal Capabilities
- Forming: Hydro, Stretch, Brake, Joggle, & Roll
- Prime & Paint Assemblies, Grit Blast, Chemical Film
- Resistance Spot Weld and Gas Tungsten Arc