



AEROSPACE & DEFENSE

Putting Our Experience to Work for You

Re:Build provides consistently reliable components and systems for mission-critical aerospace and defense programs. For more than twenty years, we have succeeded in finding the best, safest solutions for a wide range of applications, from large commercial aircraft and unmanned systems to protective equipment for soldiers.

Key Capabilities:

- Design, Develop, and Manufacture Manned and Unmanned Aircraft
- Systems Software Development
- Composite Structures and Mechanical Systems
- Compliance and Requirements Development
- Aircraft Modifications, Repair, and Serviceability
- Systems Analysis and Requirements Development
- Structural Design, Composite Materials Processing, and Configuration Development
- Sheet Metal, Hot Form Titanium, Aero Thermoplastics, and 3 and 5-Axis Machine Metallics
- Automated Production Systems
- Design and Manufacture of Soldier Protective Equipment
- Fabrication of Metallic Composite Components and Assemblies
- Electrical Systems and Board-Level Design, Firmware and Software
- Defense-Grade FPGAs for Imaging Controls and Communications

SEGMENTS WE SERVE:

- Commercial Aircraft
- Defense Equipment
- Law Enforcement
- Missile / Weapon Systems
- Spacecraft
- SATCOM
- UAM

CERTIFICATIONS & ACCREDITATION:

- Certification for flight-critical applications
- DLA-Approved Supplier
- AS9100D
- ITAR Registered
- Boeing Premier Bidder
- Sikorsky Supplier of the Year
- NADCAP accreditation scheduled for completion in 2024
- ISO9001:2015

Certifications and accreditation are site specific.

CONTACT:

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Why Re:Build?

Collaboration among our companies and with our customers is key to our success in rekindling American manufacturing. Re:Build Manufacturing is comprised of highly specialized, intensely collaborative companies that have the capability to take a product from concept to completion, without compromising quality, affordability, or ethics. This strategy enables us to become an extension of your team, which enhances the overall collaborative experience.

Here are some of the ways we've collaborated with our customers to help them achieve success:

- Designed flight-critical structures for commercial and defense aircraft
- Supported emerging urban air-mobility customers with quick-turnaround engineering and prototyping
- Provided AS9100D-certified parts to major aerospace and defense OEMs
- Developed the only Sikorsky-authorized Phase Maintenance Kit for the UH-60 Black Hawk

Highlighted Customers:

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|---------------|----------------------------------|--------------------------------------|
| ▪ A3 | ▪ Cessna | ▪ Lake Shore Cryotronics |
| ▪ Airbus | ▪ Collins Aerospace | ▪ Mitsubishi Corporation |
| ▪ Air Methods | ▪ Columbia Helicopters | ▪ Pratt & Whitney Dependable Engines |
| ▪ Archer | ▪ Electra Aero | ▪ Safran |
| ▪ Aurora | ▪ Elroy Air | ▪ Sierra Nevada Corporation |
| ▪ Battelle | ▪ Galactic | ▪ Sikorsky |
| ▪ Bell | ▪ Giant Magellan Telescope | ▪ Sparton |
| ▪ Blue Origin | ▪ Gulfstream | ▪ XCOR Aerospace |
| ▪ Boeing | ▪ Highlands Diversified Services | |
| ▪ Bombardier | ▪ Icon | |
| ▪ Boom | | |



PROJECT HIGHLIGHT: BLACK HAWK

The Black Hawk helicopter's high-strength airframes are designed and built for passenger safety, speed, corrosion resistance, and the ability to carry heavy loads, among other important characteristics. Since 1985, Sikorsky has relied on our expertise in engineering, aerodynamics, and manufacturing to deliver the materials required to create a structure that is cost-efficient, durable, and reliable.

LOCATIONS:

- Avon, Ohio
- Boston, Massachusetts
- Denver, Colorado
- Nashua, New Hampshire
- New Kensington, Pennsylvania
- Rochester, New York
- Rock Hill, South Carolina
- Los Angeles, California

LEARN MORE:

