



# Protecting the wonder of flight.

In the aerospace industry, safety and reliability are non-negotiable.

Flight is one of the marvels of the modern age. The complex engineering that makes it possible is nothing short of astounding. For the pilots, passengers and flight crews who take to the air, they're putting their trust in every complex component of the aircraft to keep that marvel of flight safe, comfortable and reliable. From flight-critical systems to connectivity and entertainment – flight control processors and collision avoidance, to sensors, lighting or communications. In aerospace, the technologies you're creating help us get into the air, across the world and back to the ground with ease. At Plexus, we understand how critical it is to get those aerospace products right, and we'll work side by side with you to make them a reality.



DESIGN AND DEVELOPMENT



SUPPLY CHAIN SOLUTIONS



NEW PRODUCT INTRODUCTION



MANUFACTURING



AFTERMARKET SERVICES



## Regulatory expertise and compliance.

The aerospace industry demands precision, dependability and products of the highest complexity and quality. At Plexus, we take pride in providing engineering, manufacturing, supply chain and aftermarket solutions that meet and exceed the most stringent industry regulations.

- AS9100 (design and manufacturing)
- Nadcap
- ITAR and EAR Compliance
- CAS Compliance
- FAA FAR 145
- EASA

- ISO 9001
- ISO 14001
- ANSI/ESD S20.20
- IPC 610 Class II and III
- IPC J-STD-001
- IPC J-STD-001FS
- DoD Trusted Source Accreditation

# Partnering to develop high-tech electronic devices for the aerospace industry.

The modern aerospace industry thrives on ever-advancing technology. At Plexus, we have a long history of delivering those highly complex products on time, with the quality your industry and customers demand. Our global teams have built high-tech systems and components that span the aircraft, from nose to tail and wing to wing. From flight-critical systems to experience-enhancing environments. From single circuit boards to fully tested line replaceable units.

We have the global resources to create and maintain your product at lower cost, with the systems to ensure quality, continuity of supply chain and the strict regulatory compliance the aerospace industry requires. We'll work closely with your team to create a product solution that improves your competitiveness, increases market share and reduces your time to market, while sustaining the longevity of these enduring platforms.

## Aerospace product solutions from nose to tail.

We've designed and built systems for a wide variety of airframes, from commercial jets or private planes to military aircraft. From mission and flight-critical systems to in-flight connectivity and entertainment, our teams are experienced in creating solutions for every intricate piece of the aircraft.

### Commitment to Leading Airframes

- 737 / 767 / 777 / 787
- A320 / 330 / 350 / 380
- Embraer (multiple models)
- Gulfstream (multiple models)
- Bombardier (multiple models)
- Cessna (multiple models)
- Dassault (multiple models)
- Eurocopter
- UH- 60
- AH-64
- CH-47
- P-8
- B1
- C-5, C-17, C-130
- F-16, F-18, F-35
- COMAC 919

### Aerospace Market Experience

- Cockpit / flight instrumentation
- Communication systems
- Engine and power controls
- Facilities and control systems
- In-flight entertainment
- Landing, navigation, fueling and ground systems
- Lighting systems
- Radar



### Technical Expertise

- Aerospace-focused engineering, supporting early engagement, commercialization and product design
- Product design for excellence (DFX), design for cost and sustainability
- Robust design, advanced packaging, and testing microelectronics
- Aerospace-focused Supply Chain Solutions
  - Component obsolescence mitigation
  - RoHS compliance
  - Conversion services
- Globally positioned Aerospace manufacturing centers of excellence
- Committed manufacturing craftsmanship execution
- Manufacturing flexibility and scalability with the right cost model to support mandated reductions
- Flexible work cell configurations
  - Conformal coating
  - Tinning
  - In-line inspection
- Failure analysis lab
  - Gold mitigation
  - XRF testing
  - High power microscopy
- Product assurance test solutions
  - Environmental
  - HALT
  - HASS
- Dedicated turnkey New Product Introduction support
- Devoted Aftermarket Services team

Ready to get started? Contact our Aerospace team at [plexus.com/contact](https://plexus.com/contact) or by using the appropriate phone number below.

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