



NACELLE SOLUTIONS FOR BUSINESS AIRCRAFT

A QUIETER CABIN

Nacelle innovations for more refreshing flights

The business jet market is constantly evolving. Customers demand more spacious cabins and longer range aircraft, with high reliability at the lowest operating costs.

Providing an exceptional passenger experience is critical, with expectations for comfort and quietness comparable to the home or office environment with seamless adaptability.

These higher expectations will drive design of the business aircraft of tomorrow. Anticipating these needs, Collins Aerospace is bringing its legacy of design innovation to deliver the right solutions today – with tailored innovations styled to your aircraft.

Range

- Composite expertise – lightweight structures
- Integrated structures for cost reduction
- Innovating architectures for reduced drag

Stops for refueling mean lost time and money. Collins Aerospace has the technology for lighter-weight composite structures that can increase range and reduce fuel costs. As an example, one of these advanced manufacturing technologies combines external skins with internal frames and stiffeners to create a single composite part, reducing part count, cost and weight.

Reliability

- 98% on-time delivery
- Highest quality
- 20 certifications in 10 years

The outstanding reliability of our products is built from 80 years of experience in creating aerospace structures. We're proud to be known for delivering high-quality, engineered structures on time and with superior customer service.

Acoustics

- Increased flight schedule flexibility from reduced noise footprint
- Comfort inside the aircraft cabin
- Reduced environmental impact

Quieter aircraft make for a brighter future. With Collins Aerospace, that future is now.

Our advanced skin-perforation technologies and innovative acoustic-panel designs provide dominant tone and broadband acoustic attenuation capabilities, reducing overall noise. These innovations anticipate future noise-reduction requirements and offer the flexibility to tune acoustic structures to the specific needs of our customers.

The result: more peace and quiet for you and your neighbors, whatever schedule you're on.

One goal: excellence

ENGINEERING EXCELLENCE – DEVELOPMENT

Leaders in “speed-to-market” – 20% development time reduction

Certifications experts



>> 1,000+ global engineers, 400+ patents

Aircraft structures diversity

10+
product families

Technology leader

Integrated structures & systems
Variable geometry structures
Out of autoclave composites



Engineering technology

OPERATIONAL EXCELLENCE – LEAN LEADERS

Low-cost infrastructure – 20+ years Lean manufacturing (based on Toyota Production System)

Advanced manufacturing

Design for Automation

Global breadth

4.8M square feet
10 manufacturing sites

Supply chain



Advanced manufacturing

>> 98%+ on-time delivery to original equipment customers

AFTERMARKET EXCELLENCE – CUSTOMER EXPERIENCE

30+ years of direct support to the airlines

Global MRO

1.2M square feet
8 full-service facilities

Reliability



Delivery

150,000 spare unit transactions



Spare parts supply and delivery

>> 96% on-time spares delivery to aftermarket customers

Specifications subject to change without notice.



COLLINS AEROSPACE

AerostructuresBD@collins.com
collinsaerospace.com