

From the pioneers of flight to today's aviation engineers, one question has always risen above the rest:

How can we accelerate the advancement of aviation?

At Collins Aerospace, we never stop asking this question, and the answer evolves as technology advances. We're committed to bringing those technological advances to our customers across commercial and business aviation, defense, space and beyond.

By increasing our focus on optimized designs, advanced materials and the latest manufacturing technologies, we're opening doors to innovation in every sector we serve.



MEETING THE INNOVATION CHALLENGES OF TOMORROW – TODAY.

Our bold vision for the next generation of aircraft is combined with our 100+ years of experience in pioneering designs, material science and leading manufacturing technologies to provide today's customers – and tomorrow's – with endless possibilities.

We're using modern materials, such as structural thermoplastics and high-temperature carbon composites, to create integrated products and applications that can operate in even the harshest environments.

We're using modern manufacturing methods, like additive manufacturing and out-of-autoclave composites, to create lighter-weight, higher-performance structures at high production rate demand.

We're using industry-leading materials and manufacturing infrastructure to enable rapid industrialization. Our use of advanced materials, such as thermoplastic and Carbon-Carbon composites, spans across our products, from nacelles to brakes. We're also leveraging these composites to develop new sets of solutions within other platforms and for other markets. And we're creating solutions that can substantially reduce fuel burn and CO² emissions for in-service and future aircraft.

OUR PRODUCTS INCLUDE:

- Actuators and valves
- Composite fuel distribution
- Engine nacelle systems
- Flight control surfaces
- Landing gears and brakes
- Propeller and control systems
- Other specialized structural components

We're prioritizing more sustainable manufacturing and operations processes to improve energy efficiency, adding to our renewable energy capabilities and developing more recyclable materials.

As the aerospace industry aims to lessen its environmental impact and reach carbon net zero by 2050, there's more demand than ever for high-performance, integrated solutions that are lightweight, cost-efficient and create a more sustainable path forward for our industry.

Collins Aerospace is uniquely positioned to advance – and help shape – the future of aerospace and defense.



To learn more:

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