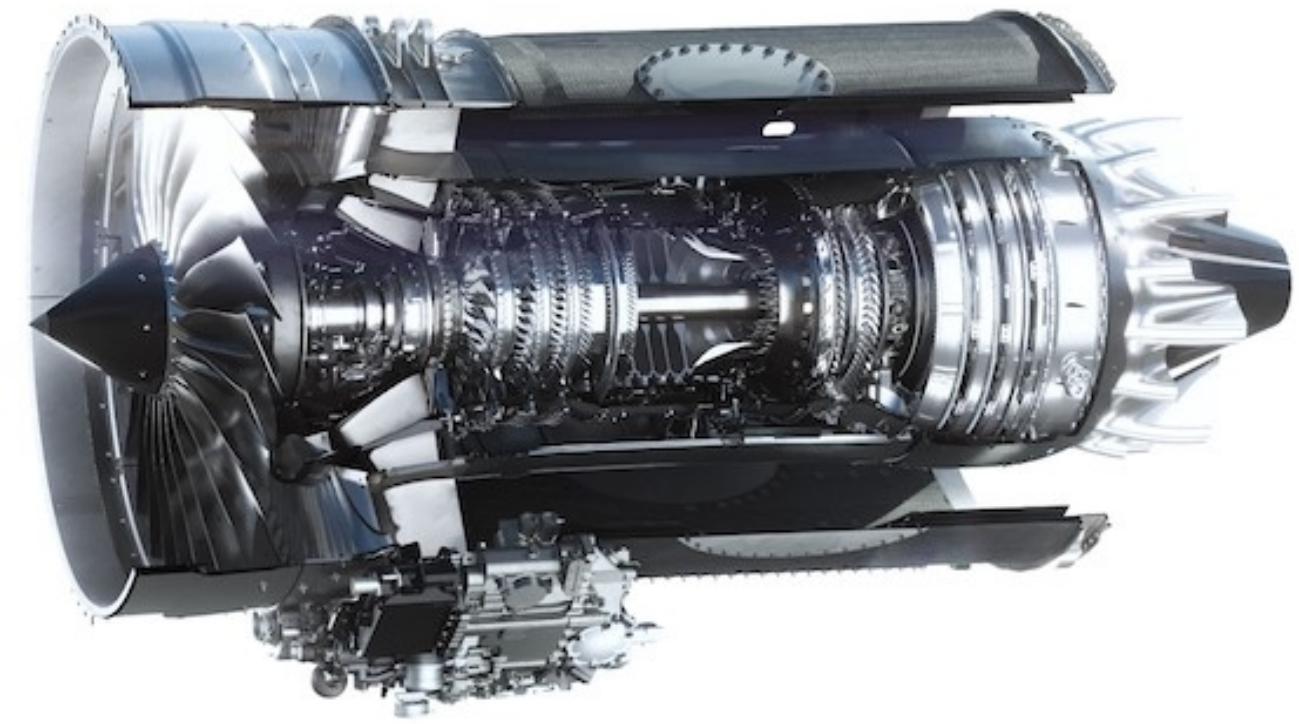
FACC DEVELOPS COMPOSITE COMPONENTS FOR ROLLS-ROYCE PEARL 10X ENGINE

News / Manufacturer



FACC has been commissioned by Rolls-Royce with the development and manufacture of composite components for the new Pearl 10X engine, and is thus represented on the newly launched engine and aircraft platforms as a technology partner.

FACC stands for high-tech in the aerospace industry - and will now be contributing its long-standing know-how of innovative lightweight engine solutions to the design of the brand-new Rolls-Royce Pearl 10X. The British engine manufacturer Rolls-Royce has used FACC's products in the production of its engines for civil aviation for more than 20 years. Most recently, FACC was commissioned by Rolls-Royce to develop and manufacture the complete composite package for the Pearl 10X engine, thereby securing a strategically important new project. In addition to the bypass ducts and maintenance doors, FACC will also be supplying the fan track liners, the spinner and the cable bushing.

Robert Machtlinger, CEO of FACC AG commented "With the Pearl 10X, Rolls-Royce is offering the business aviation market a groundbreaking, high-performance engine. The fact that Rolls-Royce has selected us as a technology partner for its new premium product once again confirms our leading position in the field of lightweight solutions for aircraft

© 2015-2026 50SKYSHADES.COM — Reproduction, copying, or redistribution for commercial purposes is prohibited.

engines."

FACC on board as a partner for new engine and aircraft

Rolls-Royce officially unveiled the Pearl 10X, the third and most powerful member of the Pearl engine family for the business aviation market, in early May. Compared to the previous generation of Rolls-Royce engines for business jets, the Pearl 10X boasts a five percent increase in efficiency combined with excellent noise and emissions characteristics. With its sophisticated component design, high-tech materials and advanced manufacturing technologies, FACC is able to assist Rolls-Royce in making engines more efficient, lighter and quieter.

Günter Nelböck, Vice President Engines & Nacelles and Aerostructures of FACC said: “Engines are among the most highly stressed high-performance aircraft components - the production of their component parts is highly complex and requires the skill of experienced experts. The production of the outer skin in particular, i.e. the outer layer of the bypass duct for the Pearl 10X, calls for the highest precision in addition to state-of-the-art manufacturing processes. FACC's outstanding performance and excellent customer support play a key role in meeting the customer’s expectations.We are very proud that Rolls-Royce has maintained an intensive cooperation with FACC for more than two decades. Being nominated a High Performing Supplier anew and receiving this contract are proof that the outstanding dedication and know-how of our employees are greatly valued by our customers. ”

As a confirmation of its innovative lightweight solutions and its 100 percent commitment to "Best Quality - On Time", FACC has once again been admitted to the exclusive "Rolls-Royce High Performing Supplier Group". FACC is part of a select handful of companies to have been a member of this exclusive group of supplier partners since it was created in 2019.

17 FEBRUARY 2022

ARTICLE LINK:
https://ut.50skyshades.com/news/manufacturer/facc-develops-composite-components-for-rolls-royce-pearl-10x-engine

© 2015-2026 50SKYSHADES.COM — Reproduction, copying, or redistribution for commercial purposes is prohibited.