INTRODUCTION OF NEW ROLLS-ROYCE AIRCRAFT ENGINES WITH FACC TECHNOLOGY

News / Business aviation, Manufacturer

Rolls-Royce’s new Pearl 15 aircraft engines with premium FACC technology: FACC supplies the bypass ducts for the turbofans, which will be installed in Bombardier’s latest very-long-range jets Global 5500 and Global 6500.

For many years, FACC has been a technology partner of the world's leading engine manufacturer Rolls-Royce. The latest product, the newly developed Pearl 15 engine powering Bombardier's state-of-the-art Global 5500 and 6500 business jets, combines innovative technology with proven functions and features some premium FACC technology. The development work for this project has been accomplished in close cooperation between the international aerospace group FACC and its customer Rolls-Royce. "After an intensive phase of component development, successful engine tests and ongoing flight test programs, we are proud to supply our customer Rolls-Royce with advanced composite components also in its latest Pearl engine family. Thus, we have demonstrated again that our worldwide customers can count on the high quality and innovative technologies of FACC", says Robert Machtlinger, CEO of FACC.

Efficiency through FACC technology

The Rolls-Royce Pearl 15 engine is one of the most efficient engines available in the business aviation segment. It enables customers to fly to their destinations farther, faster and even quieter. Through the supply of lighter components and acoustic elements, FACC plays a major part in increasing the efficiency of the engines. A weight-bearing structural element was manufactured for the engine and the pylon that serves as an outer aerodynamic boundary of the secondary air stream. Moreover, it is used as sound absorber and permits easy maintenance access to the turbine. After comprehensive testing and checking, the EASA certificate was granted in February.

09 JULY 2018

ARTICLE LINK:
https://50skyshades.com/news/manufacturer/introduction-of-new-rolls-royce-aircraft-engines-with-facc-technology