

FAA CERTIFIES PW812D ENGINE - ANOTHER MILESTONE FOR ENTRY INTO SERVICE OF DASSAULT FALCON 6X

News / Business aviation, Manufacturer



Federal Aviation Administration has certified the Pratt & Whitney Canada PW812D engine, designed to power the Dassault Falcon 6X business jet. The PW812D engine has shown exceptional performance during testing with more than 6,100 hours of engine testing, including 1,150+ hours of flight testing and 20,000 hours on the engine core. With the total PW800 family, more than 240,000 hours of testing and field experience have been conducted, including 42,000+ hours of flight testing. The PW800 engine shares a common core with the Pratt & Whitney GTF engine which has flown 15M+ million hours since its launch in 2016.

Maria Della Posta, president, Pratt & Whitney Canada, commented: "The FAA is the third aviation authority to give its stamp of approval for the PW812D engine. The engine has also been certified by Transport Canada and EASA. We successfully achieved this critical step by working closely with Dassault since the launch of this great program."

Eric Trappier, Chairman and CEO of Dassault Aviation, said: "We congratulate Pratt & Whitney

Canada on achieving FAA certification for the PW812D engine. Together, the PW812D engine and Falcon 6X aircraft are a winning combination, designed to set the bar in fuel efficiency, performance and comfort. This milestone brings us closer to the exciting entry into service of the Falcon 6X, expected mid-2023.”

“Every element of the PW800 engine and the services that support it have been conceived with environmental responsibility in mind,” said Edward Hoskin, vice president, Engineering. The PW800 engine family is the most modern, efficient and environmentally responsible engine in its class. It offers double-digit improvements in fuel burn, emissions and noise as compared to the current generation of engines. The engine can also fly on a 50% blend of jet fuel A (kerosene) and sustainable alternative fuel.

The PW800 engine requires 40% less scheduled maintenance and 20% fewer inspections than other engines in its class. Customers can benefit from an exclusive personalized premium service for all their maintenance and support needs, any time of the day, anywhere in the world.

Pratt & Whitney is proud to be continuously recognized for its engine efficiency. The PW800 engine won the 2019 Laureate in the Business Aviation – Propulsion category as part of Aviation Week Network’s Annual Laureate Awards.

03 DECEMBER 2022

ARTICLE LINK:

<https://connect.50skyshades.com/news/business-aviation/faa-certifies-pw812d-engine-another-milestone-for-entry-into-service-of-dassault-falcon-6x>