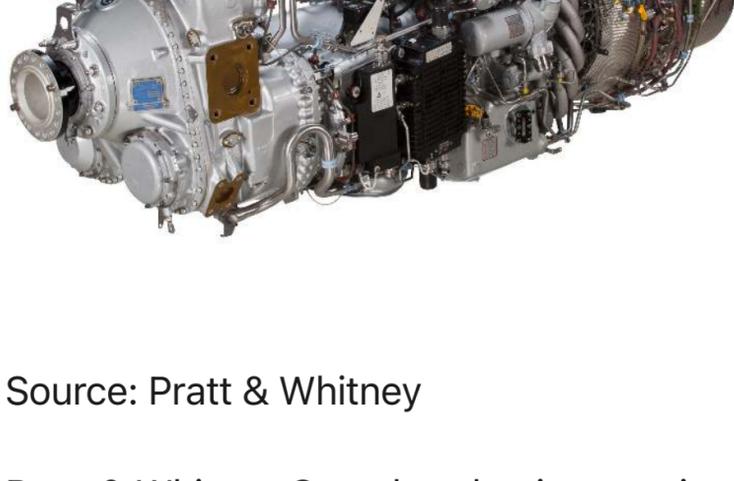


# Pratt & Whitney Canada Successfully Conducts 100% SAF Flight Test with PW127M Engines Powering Braathens' ATR Aircraft



Source: Pratt & Whitney

Pratt & Whitney Canada, a business unit of Pratt & Whitney, announced today the successful flight test of dual PW127M engines with 100% Sustainable Aviation Fuel (SAF) on a Braathen Regional Airlines' ATR 72-600 aircraft. Both PW127M engines were fueled exclusively with Neste MY Sustainable Aviation Fuel and flew for two hours total, Malmo to Bromma Airport and return. This was a collaborative effort involving the airline, ATR, and Pratt & Whitney Canada.

"We are extremely pleased with the successful testing of our PW127M engines on 100% SAF," said Timothy Swail, vice president, Regional Aviation and APU Product Marketing and Sales for Pratt & Whitney Canada. "We have worked closely with ATR and Braathens leading up to the flight testing and share their enthusiasm over the future application of SAF in the aviation industry."

The flight marked the first time Pratt & Whitney engines simultaneously flew on 100% SAF and the first turboprop in the world to reach this exciting milestone. Commercial aircraft today are certified to fly on 50% SAF blends, and the results of today's test will be used to prepare for a potential 100% SAF drop-in solution for aviation. SAFs have the potential of reducing emissions by up to 80% compared to traditional kerosene and are a potential solution to help aviation achieve its Net Zero by 2050 goal.

ATR CEO Stefano Bortoli, said: "Today is a historic day for aviation. After more than a century of commercial flights powered by kerosene, we are at the dawn of a new era. In recent months, with the support of Pratt & Whitney Canada we carried out a series of successful flights with sustainable fuel in one engine. We now decided it was time to perform the first test flight with 100% SAF in both engines. This helps us to certify our aircraft to fly solely on sustainable fuels faster and to enable more sustainable air links as a result. The flight represents a true milestone for the entire aviation industry as it shows that this technology works and can be promptly adopted by many in our industry to speed up the transition to zero emission aviation."

Pratt & Whitney Canada engines have been 50% SAF compatible since the late 2000s. The company's family of regional turboprop engines consume up to 40% less fuel and emit 40% fewer emissions than similar-sized jet-power aircraft on similar routes. Pratt & Whitney is Canada's top R&D investor in aerospace; these investments have been a driving force in the company's growth and Canada's global aerospace reputation.

[The "6th Annual Commercial Aero Engine Shanghai International Forum" \(CAESH\)](#) will be held in the city of **Shanghai** on **August 30th to 31st, 2022**, focus on scientific and technological innovation-driven, integration of industry in-depth and with a number of domestic and foreign aero engines and aircraft host development units to focus on the "aviation industry policies and market trends", "application of new renewable energy and hydrogen fuel", "advanced aero engine materials and processing technology", "global short-term supply chain coordination" and other hot topics, to build a high platform for aero engine technology exchanges, academic discussions and business cooperation.