PW PUREPOWER ENGINE FOR EMBRAER E-JETS COMPLETES FLIGHT TEST PROGRAM

News / Manufacturer

The Pratt & Whitney **PW1900G PurePower**® Geared Turbofan™ (GTF) engine for the **Embraer** E190-E2 and E195-E2 aircraft, successfully completed its first flight, initiating the engine's flight test program. The PW1900G engine model, which was assembled at Pratt & Whitney's Middletown Engine Center in Connecticut, flew on Pratt & Whitney's 747SP flying test bed at the

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company's Mirabel Flight Test Center, in Mirabel, Quebec, Canada. Pratt & Whitney is a United Technologies Corp. company.

"The start of engine flight testing is an important milestone for us as we bring the E-Jets second generation from concept to reality," said Paulo Cesar Silva, president and CEO, Embraer Commercial Aviation. "The addition of PurePower engines into our proven aircraft with an award winning cabin provides a compelling value proposition for our customers."

"We are excited to be a part of Embraer's E-Jets E2 program providing the industry-leading benefits of the Geared Turbofan engine, including significant reductions in noise, emissions and fuel burn," said Greg Gernhardt, president, Pratt & Whitney Commercial Engines. "This is a historic time for us as we begin the flight test program for our fourth PurePower airframer customer."

The PurePower engine family has completed more than 23,000 hours of testing and 40,000 cycles. The E-Jet E2 program is one of two that Pratt & Whitney and Embraer are working together on. Pratt & Whitney is part of the collaboration which supplies the V2500-E5 engine for the Embraer KC-390, which is under certification campaign. Pratt & Whitney also supplies the auxiliary power unit for the E-Jet E2 program.

Pratt & Whitney is a world leader in the design, manufacture and service of aircraft engines and auxiliary power units. United Technologies Corp., based in Farmington, Connecticut, provides high-technology systems and services to the building and aerospace industries.

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