P&WC'S OIL ANALYSIS TECHNOLOGY TRIAL BUILDS MOMENTUM AT EBACE 2016

News / Business aviation, Events / Festivals, Manufacturer

Pratt & Whitney Canada (P&WC) continues to build momentum for its new engine oil analysis technology as a growing number of customers register their engines in the trial. Now in the final stages of development, P&WC's innovative oil debris monitoring technology has the potential to significantly enable proactive maintenance interventions and drive increased aircraft availability. P&WC is a subsidiary of United Technologies Corp. (NYSE:UTX).

"We are seeking 'early adopters' from among our business aviation customers to participate in the trial to support the final calibration of this technology across our turbofan and PT6A engine models," said Timothy Swail, Vice President, Customer Programs, P&WC. "Our oil analysis technology has shown its potential to take engine diagnostics and prognostics to the next level of precision and efficacy to drive enhanced aircraft availability, reduce costs and enable preventive, on-condition maintenance environments."

The highly sensitive technology detects minute particles within engine oil, allowing for the identification of deterioration in specific oil-wetted components well before a potential event occurs

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without having to remove the engine. Once the solution reaches maturity in the next 18 to 24 months, it will have the potential to surpass the effectiveness of any existing oil debris monitoring technology. "Our business aviation customers - from fractional carriers to operators of corporate fleets and charters - are in the business of time and efficiency," said Mr. Swail. "They are looking for 100 per cent planned maintenance environments and we are committed to helping them get there and to helping drive services that are highly personalized, performance-based and guaranteed."

P&WC is asking business aviation customers to join the technology trial by contacting their field service representative. They will be asked to collect oil samples at regular intervals and ship them to P&WC for analysis (expenses paid by P&WC). Participants will have the opportunity to receive reports, for information purposes only, with oil analysis results and technology updates at no cost during the trial. "With more than 14,000 P&WC turbofan engines and over 15,000 PT6A engines flying, there is an opportunity to significantly extend time on wing and transform unscheduled events into scheduled events, helping customers save time, reduce costs and optimize maintenance planning," said Mr. Swail.

P&WC is a proven leader in developing and deploying advanced engine diagnostics, prognostics and engine health management solutions. Its vision is to move customers to more planned and predictive maintenance environments to ensure peace of mind. The company has delivered more than 6,000 engine diagnostics and prognostics solutions to customers and is continuing to invest in new technologies to simplify maintenance for customers, reduce costs and increase aircraft availability.

Visit P&WC at EBACE, stand N114. Customers interested in participating in the trial may contact their Field Service Representative (FSR) or visit theOil Analysis Technology Trial section of P&WC's website for more information.

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