THALES TO EMPOWER JETZERO INNOVATIVE AIRCRAFT FOR SAFE AND ECO-FRIENDLY FLIGHTS

News / Manufacturer

In line with the Aviation industry'scommitment to achieving net zero carbon emissions by 2050, JetZero has designed a breakthrough blended wing body aircraft that burns 50% less fuel using today's engines. It also has the internal volume to accommodate hydrogen. With a full-scale demonstrator being planned for 2027, the innovative aircraft requires a reliable flight control system to ensure a safe and smooth flight. Field-proven for over 40 years and installed on board more than 12,000 aircraft, Thales's Fly-by-Wire flight control solution is perfectly suited to JetZero's needs.

Dan da Silva, chief operating officer for JetZero commented: "Finalizing supplier contracts for the Flight Control Systems is a significant milestone on our journey from design, to test, to demonstration. It's just the latest example of the steady progress JetZero is making toward building this airplane. Thales has a reputation for excellence, and we're so pleased to see their shared enthusiasm and belief in the blended wing airplane we're building at JetZero."

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Yanik Doyon, VP Business Development and Sales North America, Flight Avionics activities at Thales stated: “Actively engaged in a low carbon future, Thales is proud to support JetZero in their innovative pursuit of net zero flights. Our proven flight controls solution is the perfect fit for a disruptive aircraft paving the way for a sustainable future in aviation.”

The Fly-by-Wire system, which calculates and adjusts the position of the aircraft's control surfaces, is a critical element of flight safety. Thales pioneered Fly-by-Wire solutions and has remained at the forefront of innovation, growing to become one of the world’s largest supplier of flight control solutions. Thales and JetZero are opening up a new chapter of aviation history towards greener flights while capitalizing on proven experience to ensure uncompromising safety.

Thales's Fly-by-Wire flight control systems offer substantial benefits in terms of flight safety, aircraft performance, reliability and availability. Those benefits encompass flight envelope protection, reduced pilot workload, minimized aircraft weight, improved handling qualities and reliability.

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