

JetZero Establishes Agreements with RTX for Full-Scale Demonstrator Propulsion Systems

LONG BEACH, CA – March 6, 2025 – JetZero has established agreements with tier one suppliers from RTX for the Propulsion Systems on its full-scale blended wing demonstrator. The executed contracts mark the latest advancement in JetZero’s progress toward build and demonstration, with test flights scheduled to begin in 2027. The demonstrator will validate key technologies that could benefit multiple customers, including commercial passenger planes, cargo transports and military aircraft – including a potential future aerial refueling tanker.

“Securing agreements for the demonstrator’s propulsion systems marks yet another meaningful milestone on our journey from design, to test, to demonstration,” said Dan da Silva, chief operating officer for JetZero. “We continue to make steady progress on both the demonstrator program and the design and production capabilities of the airplane that will eventually be delivered to customers. We welcome these industry-leading suppliers to the program and are inspired to see the industry’s investment and belief in the blended wing airplane.”



RTX will provide the following systems for JetZero’s demonstrator:

- **Pratt & Whitney** will integrate its PW2040 engine. The PW2000 engine family offers 37,000 to 43,000 pounds of thrust and powers all models of the Boeing 757 aircraft, with the F117 military derivative engine serving as the exclusive powerplant for the C-17 Globemaster III aircraft. The PW2040 model engine also powers the U.S. Air Force’s C-32A aircraft, the military version of the 757.
- **Pratt & Whitney Canada** will provide the APS3200, an APU that employs the latest in advanced manufacturing techniques, including the use of composites. Nearly 3,800 APS3200 units have been manufactured and certified for aircraft.

- **Collins Aerospace** will design and build nacelle structures including the inlet, fan cowl and fan duct, in addition to fairings and the engine support structure. Collins has designed, certified and manufactured nacelles for large commercial aircraft programs for decades, including Boeing 787, Airbus A350, A320neo, A220 and Embraer E2.

“The aviation industry is focused on efforts to reduce operational costs by improving fuel efficiency and RTX has an extensive portfolio of technologies to help companies like JetZero do just that,” said Juan de Bedout, RTX’s chief technology officer. “Together, JetZero and RTX will play an important role in redefining the future of commercial and military aviation.”

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About JetZero

JetZero, co-founded by aerospace legend Mark Page, is developing the world’s first commercial blended wing body (BWB) airplane. With up to 50% lower fuel burn and carbon emissions compared to existing commercial airliners, JetZero's BWB offers the aviation industry a clear path to achieving its 2050 net-zero goals. Working alongside the US Air Force, NASA, and the FAA, and backed by decades of investment and research into blended wing technology, JetZero looks to enter commercial service in 2030.

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