Cessna | Beechcraft
BY TEXTRON AVIATION

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Cessna Citation Longitude moves closer to first flight with ground engine tests

Cessna Aircraft Company, a subsidiary of Textron Aviation Inc., a Textron Inc. (NYSE:TXT) company, today announced it has completed initial ground engine tests on the Citation Longitude's Honeywell HTF7700L turbofan engines, paving the way for first flight of the prototype aircraft in the coming weeks. The test verified the functionality of the engine start, fuel system and auto-throttle as well as interfaces with the avionics, electrical and hydraulic systems.

“The engine run tests are one of the final major milestones as we prepare for first flight,” said Scott Ernest, president and CEO, Textron Aviation. “This step really allows us to prove the maturity of the aircraft and its systems. Following this, we will do a series of functional and structural tests on the airframe in preparation for first flight. The speed at which we are progressing on the Longitude program demonstrates our industry-leading development cycle and affirms our commitment to new product investment.”

Cessna successfully mated the wing and fuselage of the first Longitude in May, just six months after unveiling details of the super-midsize jet, and powered the electrical distribution system for the first time in June.

Revolutionizing the super-midsize market

The Citation Longitude is the company’s latest innovation as it continues to invest in its family of larger business jets. The aircraft is designed specifically for maximum passenger comfort and offers the lowest cabin altitude in its class at 5,950 feet. State-of-the-art cabin technology allows passengers to manage their environment and entertainment from any mobile device, while standard high-speed internet maximizes in-flight productivity. With seating for up to 12 passengers, the Longitude features a stand-up, flat-floor cabin with a standard double-club configuration and a class leading walk-in baggage compartment fully accessible in flight.

The clean-sheet design of the Longitude integrates the latest technology throughout the aircraft, bringing customers the lowest ownership costs in this category. It features the next evolution of the Garmin G5000 flight deck and is powered by FADEC-equipped Honeywell HTF7700L turbofan engines with fully integrated autothrottles. The aircraft offers a full fuel payload of 1,500 pounds, a maximum cruise speed of 476 knots and a high-speed range of 3,400 nautical miles. With optional head-up display and enhanced vision capability, the Longitude facilitates eyes-up flying. The spacious cockpit incorporates easier access and an ergonomic design that fully focuses on crew comfort and efficiency.

Images:
Longitude engine run 1
Longitude engine run 2

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We inspire the journey of flight. For more than 90 years, Textron Aviation Inc., a Textron Inc. company, has empowered our collective talent across the Beechcraft, Cessna and Hawker brands to design and deliver the best aviation experience for our customers. With a range that includes everything from business jets, turboprops, and high-performance pistons, to special mission, military trainer and defense products, Textron Aviation has the most versatile and comprehensive aviation product portfolio in the world and a workforce that has produced more than half of all general aviation aircraft worldwide. Customers in more than 170 countries rely on our legendary performance, reliability and versatility, along with our trusted global customer service network, for affordable and flexible flight.

For more information, visit www.txtav.com | www.defense.txtav.com | www.scorpionjet.com.

About Textron Inc.

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