



CESSNA CITATION ASCEND PROGRAM ADVANCES - SUCCESSFUL CERTIFICATION TESTS & EXTENSIVE FLIGHT TESTING

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Unveiled during EBACE 2023 Cessna Citation Ascend program advances following the successful completion by the prototype aircraft of numerous certification tests and more than 350 flight test hours. The aircraft is expected to enter into service in 2025. Cessna Citation Ascend is designed to bring a new cockpit, improved performance and a more luxurious cabin to the midsize business jet market. Aircraft' avionics including autothrottle, high payload capacity and impressive range offer customers reduced pilot workload and the ability to do more and go farther.

Chris Hearne, senior vice president, Engineering & Programs commented: "With the prototype aircraft's successful completion of rigorous certification tests and over 350 flight test hours, we are confident in the development progress of the Citation Ascend. The success of the program to date

highlights the skill and commitment of our teams in designing and delivering the best aviation experience for customers.”



The Citation Ascend prototype aircraft has successfully completed testing that includes:

- Extreme hot and cold weather testing, ensuring aircraft systems are functional and operational at extreme temperatures
- Bird strike
- Braking performance
- Tire burst
- Cockpit and cabin window static and residual strength

The aircraft’s systems simulator test rig, known as an “Iron Bird,” continues to make strides in its development and support of the program advancement. Leveraging unique Textron Aviation engineering and manufacturing techniques, the test system incorporates the design of the aircraft’s avionics, electrical and engine control systems to support pilot familiarization and flight scenarios.



Citation Ascend features Pratt & Whitney Canada PW545D engines, nearing certification by Transport Canada Civil Aviation, are designed to deliver improved fuel efficiency, increased thrust and longer time-on-wing for eligible customers. The engine uses new materials and technology – including a more efficient high-pressure compressor and an enhanced single stage high-pressure turbine module. The PW545D engines are also equipped with a Full Authority Digital Engine Control (FADEC), enabling the new autothrottle technology and ensuring they operate at their maximum efficiency and with reduced pilot workload.

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