

CESSNA DENALI



Cessna

TEXTRON AVIATION



DENALI

N1052D

A NEW LEADER RISES

The Cessna® Denali™ single-engine turboprop embodies a fusion of style and utility for business professionals, explorers and pilots who seek the ultimate flying experience. Soaring high above the competition, the Denali sets new standards in the segment for performance, efficiency, space and comfort. Its highly productive GE Catalyst™ turbine engine is powered by advanced technology, allowing longer adventures with less fuel.



Four-Passenger Range

1,600 nm



Maximum Occupants

8-11



Maximum Cruise Speed

285 ktas



Full Fuel Payload

1,100 lb



REFINED CAPABILITIES

AUTOMATED PROP

McCauley® BLACKMAC® Carbon five-blade composite propeller with reversible pitch and ice protection.

ADVANCED TURBINE WITH FADEC

GE Aviation's Catalyst engine delivers 1,240 shaft horsepower with single-lever power and propeller control.

TOUCH-SCREEN TECHNOLOGY

Garmin™ G3000™ touch-screen avionics simplify flight control.

WEATHER CAPABLE

With enhanced digital weather radar, the Denali is certified for flight into known icing.

PRESSURIZED COMFORT

Best cabin altitude in its class: 6,130 feet at a cruise altitude of 31,000 feet.

ROOM WITH A VIEW

Tallest and widest cabin in its class. Large windows, spacious executive seating and forward refreshment center.

PAVEMENT OPTIONAL

Trailing-link gear and large tires confidently handle unimproved runways.

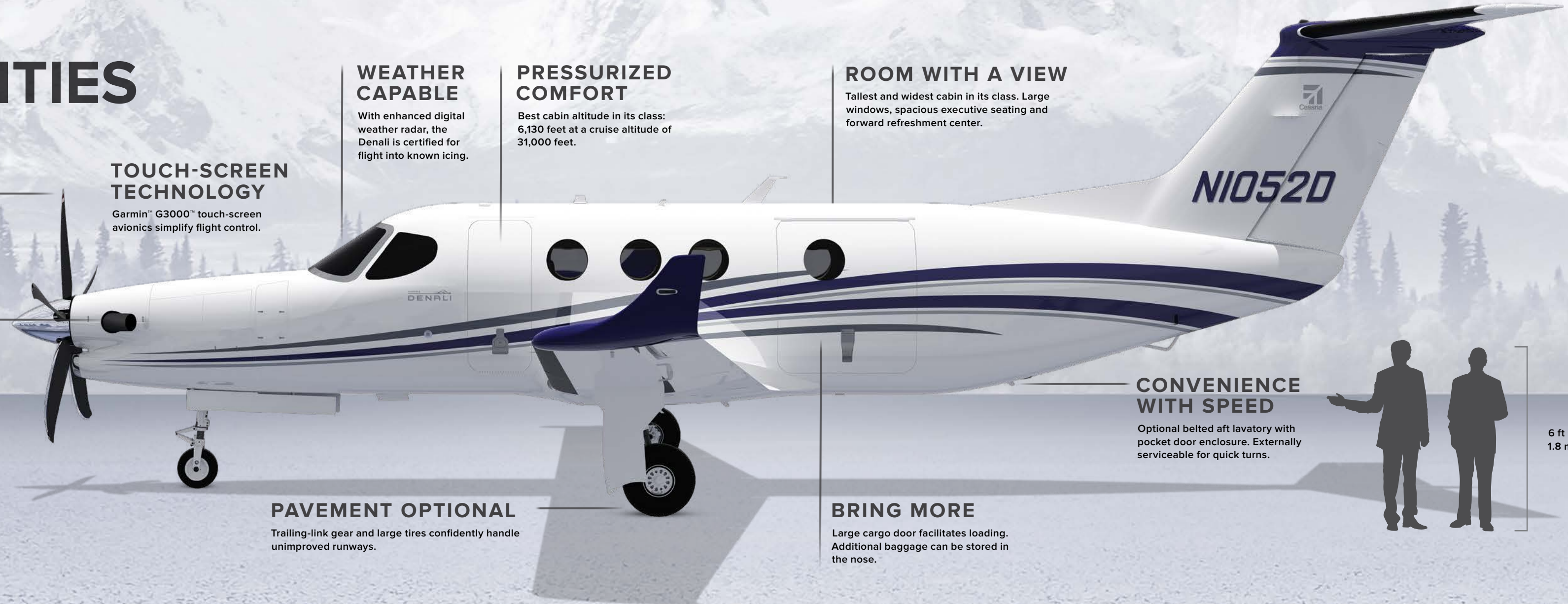
BRING MORE

Large cargo door facilitates loading. Additional baggage can be stored in the nose.

CONVENIENCE WITH SPEED

Optional belted aft lavatory with pocket door enclosure. Externally serviceable for quick turns.

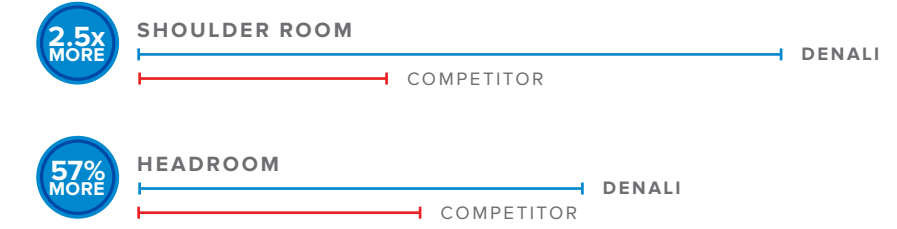
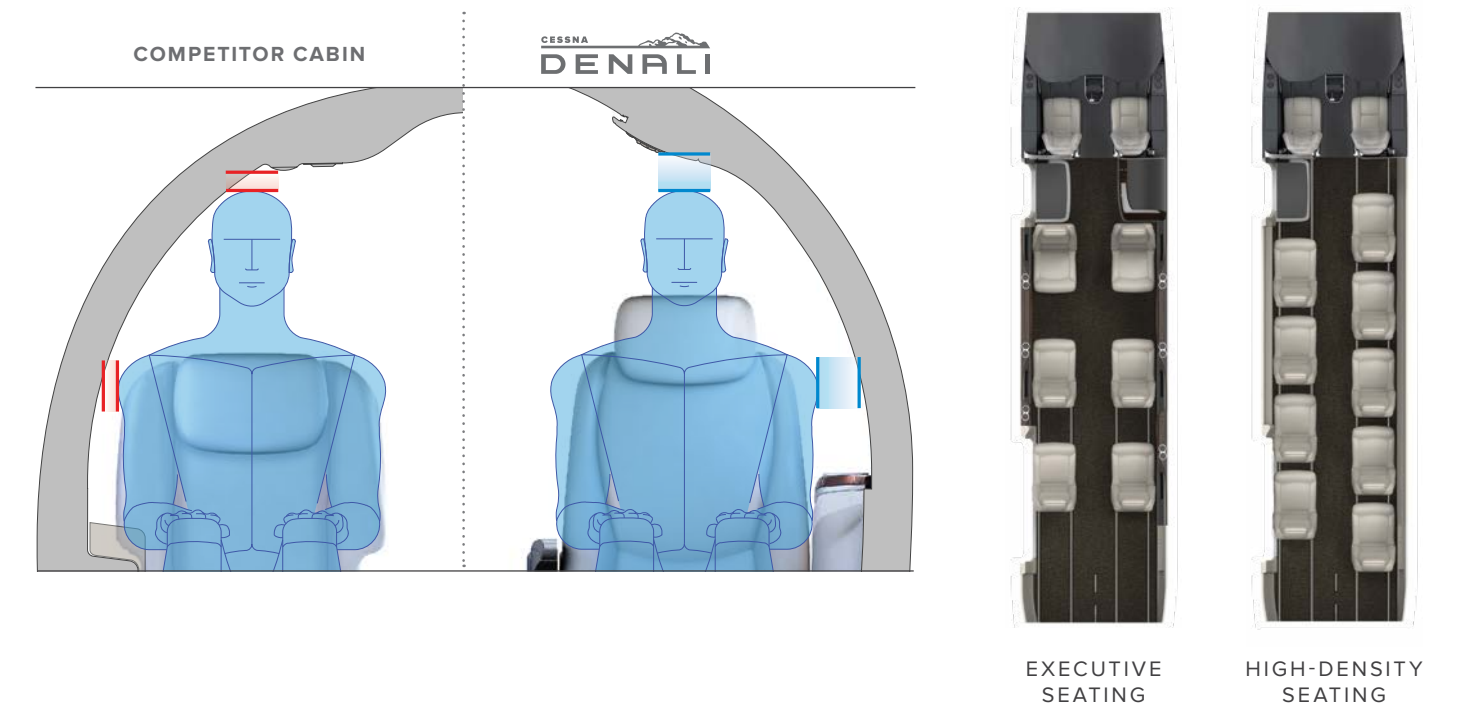
6 ft
1.8 m





MORE ROOM FOR COMFORT

The Denali cabin affords passengers the space and conveniences they'd typically find on a midsize jet, including executive-style seating, a baggage compartment accessible in flight, a forward refreshment center and an optional externally serviceable belted lavatory.





PRECISION AT YOUR COMMAND

Equipped with Garmin G3000 avionics, the Denali leads the segment in technology. Its ergonomic flight deck includes touch-screen control, 14-inch displays, synthetic vision technology and FADEC for easy flying. A single power lever commands the engine and propeller, providing more automation and reducing pilot workload.

- **Dual touch-screen controls with three 14-inch high-resolution widescreen displays.**
- **Garmin Voice Command™ automatic speech recognition and wireless Bluetooth connectivity.**
- **Solid-state weather radar with optional turbulence detection and volumetric scanning.**
- **FADEC single power lever with detents and digitally optimized propeller pitch control.**
- **Equipped with standard synthetic vision technology.**
- **Easy flight deck entry with step-past pedestal design.**

PROVEN NEW TECHNOLOGY

Utilizing cutting-edge technology from GE's commercial engine platforms, the Catalyst perfectly balances modern advancements with proven components.

DISPATCH RELIABILITY

As a leading manufacturer of jet engines, GE has built more than 62,000 powerplants for commercial airlines that depend on timely, continuous departures. The new Catalyst is engineered to perform with the same level of dispatch reliability.

ADVANCED FADEC

GE combines its propeller control expertise with over 900 million flight hours of FADEC experience. The result is the segment's first dual-channel, full-authority digital engine and propeller control. With this technology, the Denali can offer pilots enhanced responsiveness, optimized performance and simplified flying.

HIGH-PRESSURE EFFICIENCY

The Denali's advanced, compact compressor module delivers a class-leading 16:1 pressure ratio — almost 50 percent higher than the competition. High-pressure efficiency means lower specific fuel consumption in all phases of flight. The GE90 and other large engines have been demonstrating this technology for over 25 years.

ENVIRONMENTALLY FRIENDLY ENGINE

The Catalyst is better for the environment. Its compact reverse-flow combustor, advanced fuel nozzles and reduced fuel burn are not only efficient, but also eco-friendly. The Catalyst is designed to deliver greater reductions in emissions and soot compared to other engines in its class.

DIGITAL SINGLE-LEVER POWER

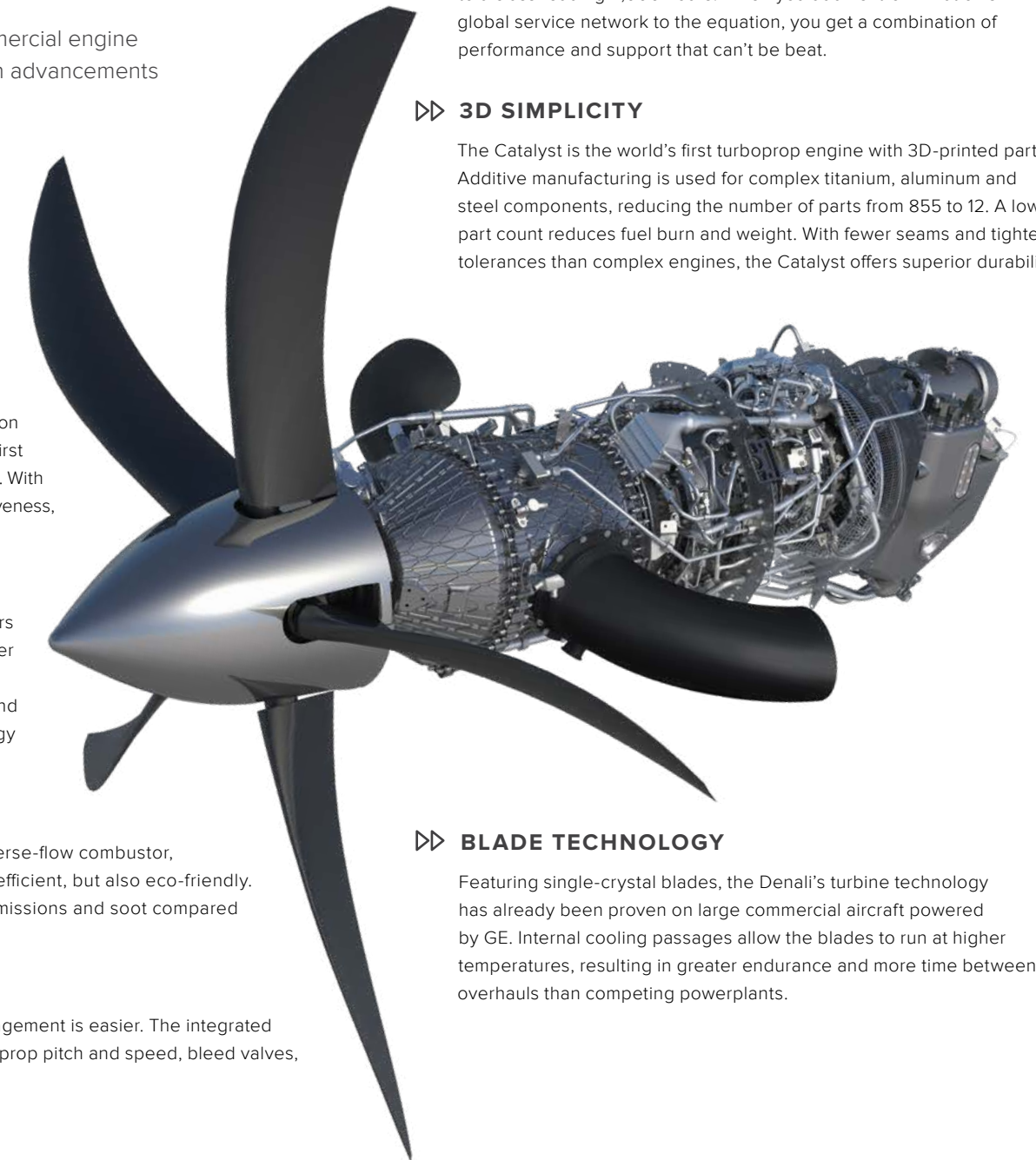
With single-lever engine and propeller control, engine management is easier. The integrated propulsion control system automatically optimizes fuel flow, prop pitch and speed, bleed valves, and variable stators for maximum efficiency in all conditions.

DEPENDABILITY FROM DAY ONE

The Denali's proven technology extends time between overhauls to a class-leading 4,000 hours. When you add Textron Aviation's global service network to the equation, you get a combination of performance and support that can't be beat.

3D SIMPLICITY

The Catalyst is the world's first turboprop engine with 3D-printed parts. Additive manufacturing is used for complex titanium, aluminum and steel components, reducing the number of parts from 855 to 12. A lower part count reduces fuel burn and weight. With fewer seams and tighter tolerances than complex engines, the Catalyst offers superior durability.



BLADE TECHNOLOGY

Featuring single-crystal blades, the Denali's turbine technology has already been proven on large commercial aircraft powered by GE. Internal cooling passages allow the blades to run at higher temperatures, resulting in greater endurance and more time between overhauls than competing powerplants.



PERFORMANCE

Max Cruise Speed	285 ktas	519 km/h
Four-Passenger Range	1,600 nm	2,963 km
Max Cruise Altitude	31,000 ft	9,449 m

POWERPLANT

GE Aviation Catalyst	1,240 shp	
TBO	4,000 hr	

WEIGHTS

Full Fuel Payload	1,100 lb	499 kg
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INTERIOR

Cabin Height	4 ft 11 in	1.47 m
Cabin Width	5 ft 3 in	1.60 m
Cabin Length	16 ft 9 in	5.11 m
Max Passengers	8-11	

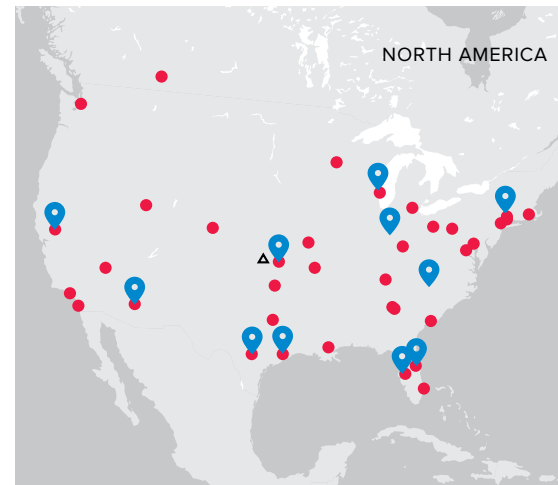
EXTERIOR

Length	48 ft 9 in	14.86 m
Height	15 ft 2 in	4.62 m
Wingspan	54 ft 3 in	16.54 m
Cargo Door Opening Width	4 ft 2 in	1.27 m
Cargo Door Opening Height	4 ft 3 in	1.29 m

Performance data is based on standard conditions with zero wind. Range includes one pilot and four passengers at high-speed cruise. All data is preliminary and subject to change.



LARGE CARGO DOOR



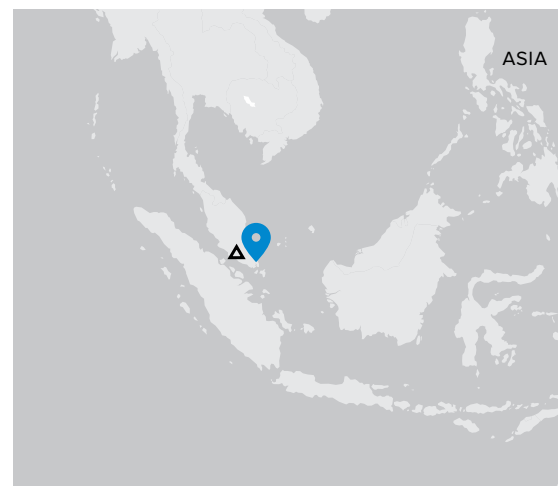
SERVICE ANYTIME, ANYWHERE





With you as our focus, we are fully committed to servicing your Denali. You can count on Textron Aviation to be by your side with superior parts availability, competitive pricing and a robust distribution system. The support you receive is always factory-direct and available for you 24 hours a day.



HIGHLIGHTS FROM OUR SERVICE NETWORK

- Textron Aviation has the farthest-reaching network of company-owned service centers.
- AOG support is just 1CALL away. Dial a single number for diagnostic expertise, mobile service units and airborne response to remote locations.
- Our parts inventory is 19 million strong, covering your aircraft from nose to tail.
- We ship 99.6 percent of parts in stock the same day you order them.



-  Textron Aviation Service Center
-  Mobile Service Unit (MSU)
-  Maintenance Line Station
-  Parts Distribution Center

VISIT SERVICE.TXTAV.COM TO LEARN MORE.

THE WORLD'S LEADER IN AVIATION

We advance the market by leveraging the latest technology in our Beechcraft®, Cessna and Hawker® aircraft. These cornerstone brands account for more than half of all general aviation aircraft flying today.

We have delivered more than 250,000 aircraft, exceeding 150 million flight hours in over 170 countries. In the last five years, more than 10 new Textron Aviation products have been certified and delivered. We continue to lead the market with the widest-ranging offerings available to customers.

Our portfolio features Citation® aircraft, the world's best-selling business jets; King Air® and Caravan® aircraft, both class-leading turboprops; and advanced piston aircraft for transport and efficient pilot training.

LEADING PISTON AIRCRAFT
200,000 DELIVERIES
INCLUDING THE SKYHAWK AND BONANZA



CESSNA CARAVAN FAMILY
ULTIMATE UTILITY
MORE THAN 2,600 DELIVERED



KING AIR SERIES
OVER 7,300 BUILT
TRULY VERSATILE



CITATION CJ FAMILY
MOST DELIVERED
OVER 2,000 IN SERVICE



CITATION LATITUDE
#1 BEST SELLER
AMONG MIDSIZE BUSINESS JETS



THERE'S ONLY ONE AIRCRAFT THAT
DELIVERS IT ALL
CITATION LONGITUDE





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