

# BEECHCRAFT DENALI

**Beechcraft**  
BY TEXTRON AVIATION



# A NEW LEADER RISES

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The BEECHCRAFT DENALI single-engine turboprop embodies a fusion of style and utility for business professionals, explorers and pilots who seek the ultimate flying experience. Soaring above the competition, the *Denali* turboprop sets new standards in the segment for performance, efficiency, space and comfort. Its highly productive GE CATALYST turbine engine is powered by advanced technology features, 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's *Catalyst* engine delivers 1,300 shaft horsepower with single-lever power and propeller control.

## REDUCED PILOT WORKLOAD

GARMIN G3000 touchscreen avionics and standard *Garmin* autothrottle simplify flight control.

## WEATHER CAPABLE

With enhanced digital weather radar, the *Denali* turboprop is capable of flight into known icing.

## PRESSURIZED COMFORT

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

## TOUGH LANDING GEAR

Trailing-link gear and large tires.







## ROOM WITH A VIEW

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

## CONVENIENCE WITH SPEED

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

## BRING MORE

Large cargo door facilitates loading with full height baggage compartment. Additional smaller items can be stored in the nose.



# MORE ROOM FOR COMFORT

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The *Denali* aircraft cabin affords passengers the space and conveniences you'd typically find on a midsize jet, including executive-style seating, a cabin switch panel to adjust cabin temperature and airflow, a baggage compartment accessible in flight, a forward refreshment center and an optional externally serviceable belted lavatory.



EXECUTIVE  
SEATING



HIGH-DENSITY  
SEATING





## PRECISION AT YOUR COMMAND

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Equipped as standard with *Garmin G3000* avionics and autothrottle, the *Denali* turboprop leads the segment in technology. Its ergonomic flight deck includes touchscreen 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.

- Three 14 inch diagonal, wide screen LCD displays.
- *Garmin* Integrated Autothrottle.
- Synthetic Vision Technology.
- Two Touchscreen Control Panels.
- Dual *Garmin* FMS with dual WAAS-enabled GPS receivers for navigation.
- Weather Avoidance Radar.
- Terrain Avoidance Warning System (TAWS-B).
- *Garmin* Traffic Collision and Avoidance System (TCAS I).
- Dual Attitude Heading Reference System.
- Dual Air Data computers.
- Digital Audio System.
- Enhanced Automatic Flight Control System.



# PROVEN NEW TECHNOLOGY

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Utilizing cutting-edge technology from GE's commercial engine platforms, the *Catalyst* engine 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* engine 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 a dual-channel, full-authority digital engine and propeller control. With this technology, the *Denali* turboprop can offer pilots enhanced responsiveness, optimized performance and simplified flying.

## ▶▶ HIGH-PRESSURE EFFICIENCY

The *Denali* single-engine turboprop'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

## ▶▶ ENVIRONMENTALLY FRIENDLY ENGINE

The *Catalyst* engine 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* engine is designed to deliver greater reductions in emissions and soot compared to other engines in its class.

## ▶▶ DIGITAL SINGLE-LEVER POWER

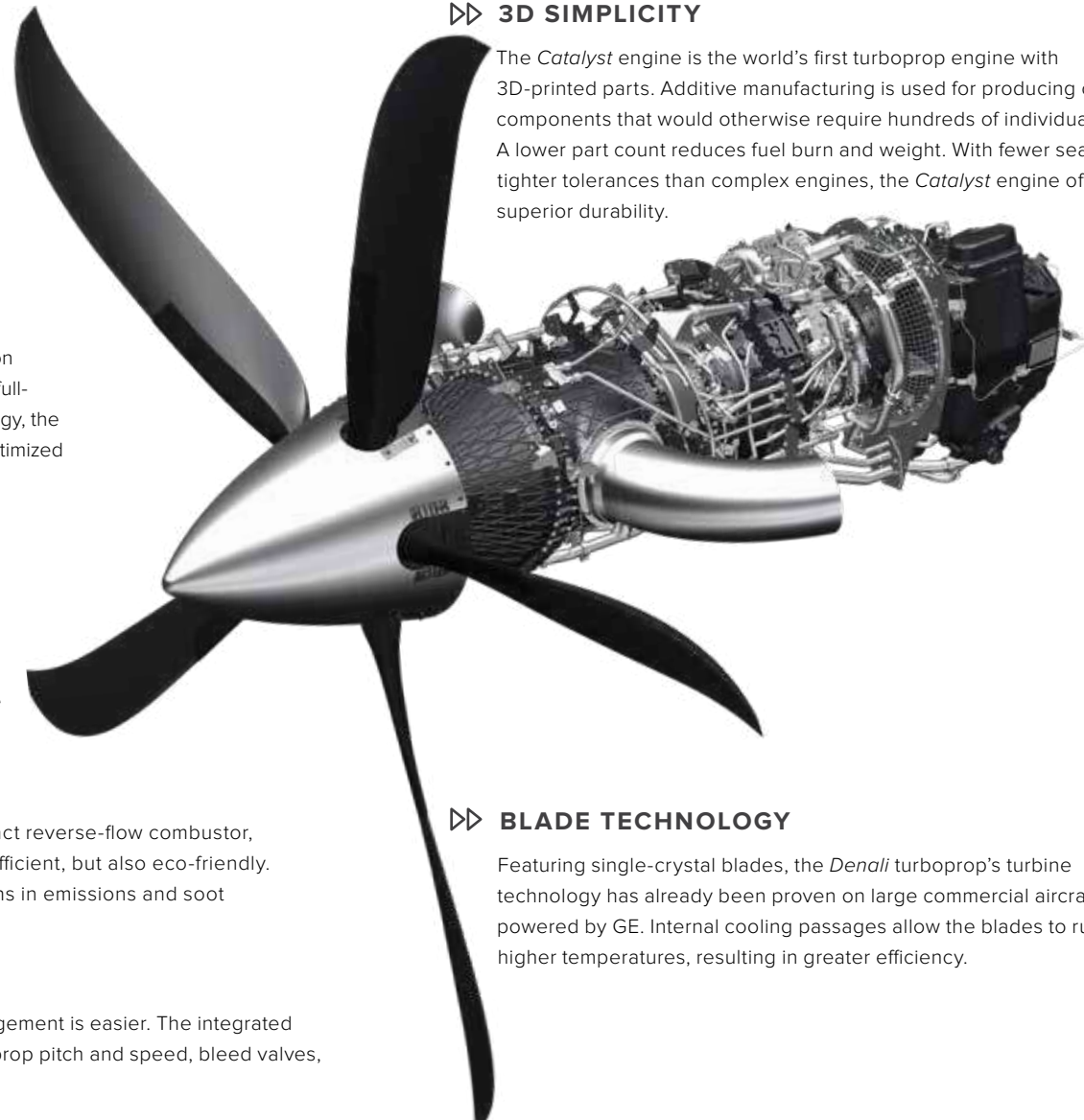
With single-lever engine and propeller control, engine management is easier. The integrated propulsion control system automatically optimizes fuel flow, prop pitch and speed, bleed valves, and variable stators for maximum efficiency in all conditions.

## ▶▶ DEPENDABILITY FROM DAY ONE

The *Denali* aircraft's proven technology extends time between overhauls to an impressive 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* engine is the world's first turboprop engine with 3D-printed parts. Additive manufacturing is used for producing complex components that would otherwise require hundreds of individual parts. A lower part count reduces fuel burn and weight. With fewer seams and tighter tolerances than complex engines, the *Catalyst* engine offers superior durability.



## ▶▶ BLADE TECHNOLOGY

Featuring single-crystal blades, the *Denali* turboprop'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 efficiency.







## PERFORMANCE

Max Cruise Speed	285 ktas	528 km/h
Four-Passenger Range	1,600 nm	2,963 km
Max Cruise Altitude	31,000 ft	9,449 m

## ENGINE

Model	GE Aviation Catalyst	
Output	1,300 shp	969 kW

## WEIGHTS

Full Fuel Payload	1,100 lb	499 kg
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## INTERIOR

Cabin Height	4 ft 10 in	1.47 m
Cabin Width	5 ft 3 in	1.60 m
Cabin Length	16 ft 9 in	5.11 m

## MAX OCCUPANTS

8-11

## EXTERIOR

Length	48 ft 9 in	14.86 m
Height	15 ft 3 in	4.65 m
Wingspan	54 ft 3 in	16.54 m
Cargo Door Opening Width	4 ft 4 in	1.32 m
Cargo Door Opening Height	4 ft 3 in	1.30 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



# ADVANCE YOUR TRAINING

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Aviation professionals worldwide rely on FlightSafety Textron Aviation Training to provide the highest-quality training and outstanding service for the Textron Aviation product line of *Beechcraft*, CESSNA and HAWKER aircraft. Our Learning Centers give our customers the confidence of knowing we're focused on reliability, convenience and flexibility.

## FLIGHTSAFETY TEXTRON AVIATION TRAINING

- Approved by aviation regulatory authorities worldwide
- Access our fleet of 80 simulators at 14 centers
- Most Learning Centers are conveniently located close to Textron Aviation service centers
- Learn from experienced instructors committed to your proficiency and success
- Each classroom and simulator experience delivers outstanding and unmatched quality



**FlightSafety**  
**Textron Aviation**

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TRAINING






# YOUR CONNECTION TO OEM EXPERT SUPPORT

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Maintaining a global fleet requires worldwide coordination and universal access to the knowledge of experienced support representatives. With you as our focus, we are fully committed to you and supporting your *Denali* aircraft with general aviation's largest global support network. You can count on Textron Aviation to be by your side with superior parts availability, competitive pricing and a robust distribution system. The quality of support you receive is always efficient, reliable and available 24 hours a day.

## HIGHLIGHTS FROM OUR SERVICE NETWORK

- Textron Aviation has the farthest-reaching network of 20 company-owned service centers and the world's largest parts distribution network
- Over 30 mobile service and line station locations globally, so support is available wherever you need it
- A robust E-Commerce platform to make parts purchasing quick and easy
- 96% fill rate on parts shipments with 99.9% of in-stock items shipping the same day
- Personalized ownership programs to assist with maintenance, parts purchasing and flight operations

 Textron Aviation Service Center

 Mobile Service Unit (MSU)

 Maintenance Line Station

 Parts Distribution Center

VISIT [SERVICE.TXTAV.COM](https://www.txtav.com/service) TO LEARN MORE.

# THE WORLD'S LEADER IN GENERAL AVIATION

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

We have delivered more than 250,000 aircraft over our 90 year history, exceeding 150 million turbine flight hours in over 170 countries. With more than 12,000 employees building new products and supporting you every step of the way, we continue to provide the industry's widest-ranging offerings and most capable service.

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



CITATION CJ FAMILY

## MOST DELIVERED

OVER 2,300 LIGHT JETS IN SERVICE





CESSNA CARAVAN FAMILY

# ULTIMATE UTILITY

MORE THAN 2,800 DELIVERED



KING AIR SERIES

# OVER 7,600 BUILT

TRULY VERSATILE



CITATION LATITUDE

# #1 BEST-SELLING

MIDSIZE BUSINESS JET



THERE'S ONLY ONE AIRCRAFT THAT

# DELIVERS IT ALL

CITATION LONGITUDE





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