



KING AIR 350I EXECUTIVE SUMMARY



KING AIR

350i

THE KING AMONG KINGS

WELCOME TO TEXTRON AVIATION

Textron Aviation is the leading general aviation authority and home to the iconic Beechcraft, Cessna and Hawker brands, which account for more than half of all general aviation aircraft flying. The Textron Aviation companies bring together decades of unmatched experience in designing, building and supporting airplanes. Its broad range of products include such best selling aircraft as Citation and Hawker business jets, King Air and Caravan turboprops and T-6 military trainer aircraft, all of which are backed by the industry's largest global service network.

Together, Cessna and Beechcraft have delivered more than 250,000 aircraft throughout their 80 years of existence. The combined fleet of delivered aircraft has exceeded 100 million flight hours. In the last decade alone, 35 new products have been announced, certified and delivered to our deserving customers. Textron Aviation supports customers worldwide through the largest service network in the industry that includes 21 company-owned service locations.

Textron Aviation is proud to be a part of Textron's leading branded businesses which include Bell Helicopter, Textron Systems, E-Z-Go, Greenlee, Jacobsen, Kautex, and Textron Financial.

Beechcraft®



Hawker®

TEXTRON AVIATION



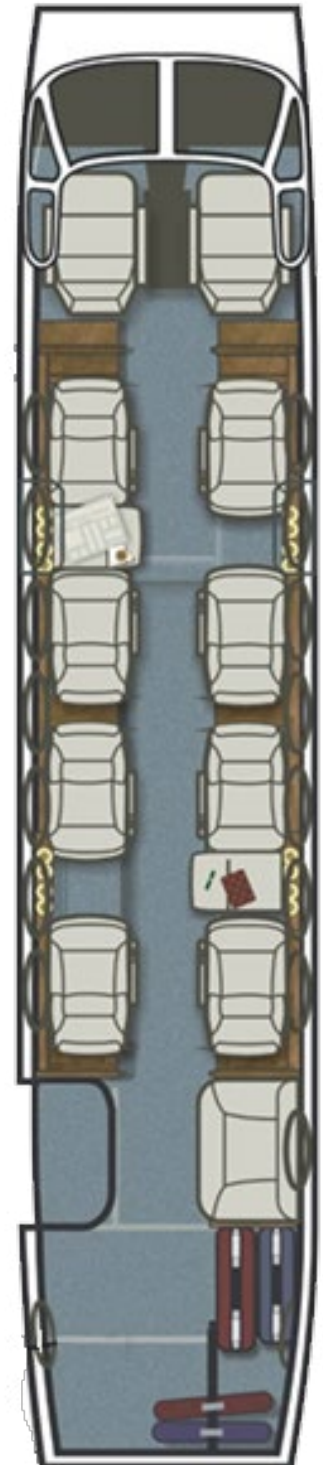
BOARDROOM AT 35,000 FEET

The King Air 350i incorporates the famed “Square Oval” design that is unique to the King Air product line, featuring an interior inspired by Business Jets.

SPACIOUS CABIN THAT DEFINES COMFORT

Make yourself comfortable for the flight, and with enough seats to accommodate up to 9 passengers. Bring employees, friends, or the whole family to tag along for the ride! With a standard lavatory in the aft cabin, you won't have to worry about any unscheduled pit-stops along your way. In addition, the 350i has reading lights and dimmable windows operable from each seat. With the King Air 350i you can take the Board Room to new heights.

- Standard refreshment center and storage cabinets
- Electro-chromatic window darkeners throughout the cabin
- 550 lbs. aft baggage capacity – Accessible while in flight
- Aft belted lavatory with hard-partitions for privacy
- Four (4) storable work tables with AC outlets for electronics
- Standard wi-fi for internet and text messaging





SYSTEMS DESIGNED AROUND COMFORT

The King Air 350i's cabin is completely designed around technology, flexibility and comfort. With these goals in mind, the features below help accomplish this.

STANDARD INFLIGHT WI-FI CONNECTIVITY

- The King Air 350i features a wireless network server which can be connected to one of two Gogo™ systems. Both let you surf the Internet, send and receive emails with attachments, and log into your corporate VPN using your own laptop, smartphone and tablet.
- Performing at the fastest, most affordable airborne data speeds, Gogo Biz allows you to use your wireless devices in the air the way you do on the ground to keep you every bit as connected and productive.

REFRESHMENT CENTER FOR IN-FLIGHT NOURISHMENT

- Forward refreshment center features a modular design that includes LED lighting, hot beverage carafe, large ice chest, and removable waste container
- Variety of inserts for refreshment center depending on your storage needs
- Midship and aft cabinetry provides additional storage for drinks and snacks throughout the cabin.



BEECHCRAFT SERENITY - QUIET CABIN SYSTEM

- Experience class leading cabin sound level with the Beechcraft Serenity™ System
- Incorporates passive noise cancellation and isolation technology to reduce noise levels caused by engines, propellers, and vibration noise



BIG JET AVIONICS IN A SMALL PACKAGE

The King Air 350i flight deck incorporates Rockwell Collins Pro-Line Fusion avionics, and was designed to improve piloting with simple operations and significantly reduced workload through the use of the latest touchscreen technology.

- **Certified and optimized for Single Pilot Operation**
- **Ergonomic and user friendly with every flight instrument within the pilot's field of vision**
- **Completely 'NextGen ready' with ADS-B Out**
- **WAAS/LPV capability to allow for precision approaches into more airports than ever before**
- **Traffic and ground proximity warning systems**
- **Multi-scan radar provides a 300+ mile depiction of weather and 50 miles of turbulence anywhere in the world**
- **Three touch-enabled 14.1 inch color LCD displays: two Primary Flight Displays (PFD) and one Multi-Function Display (MFD)**





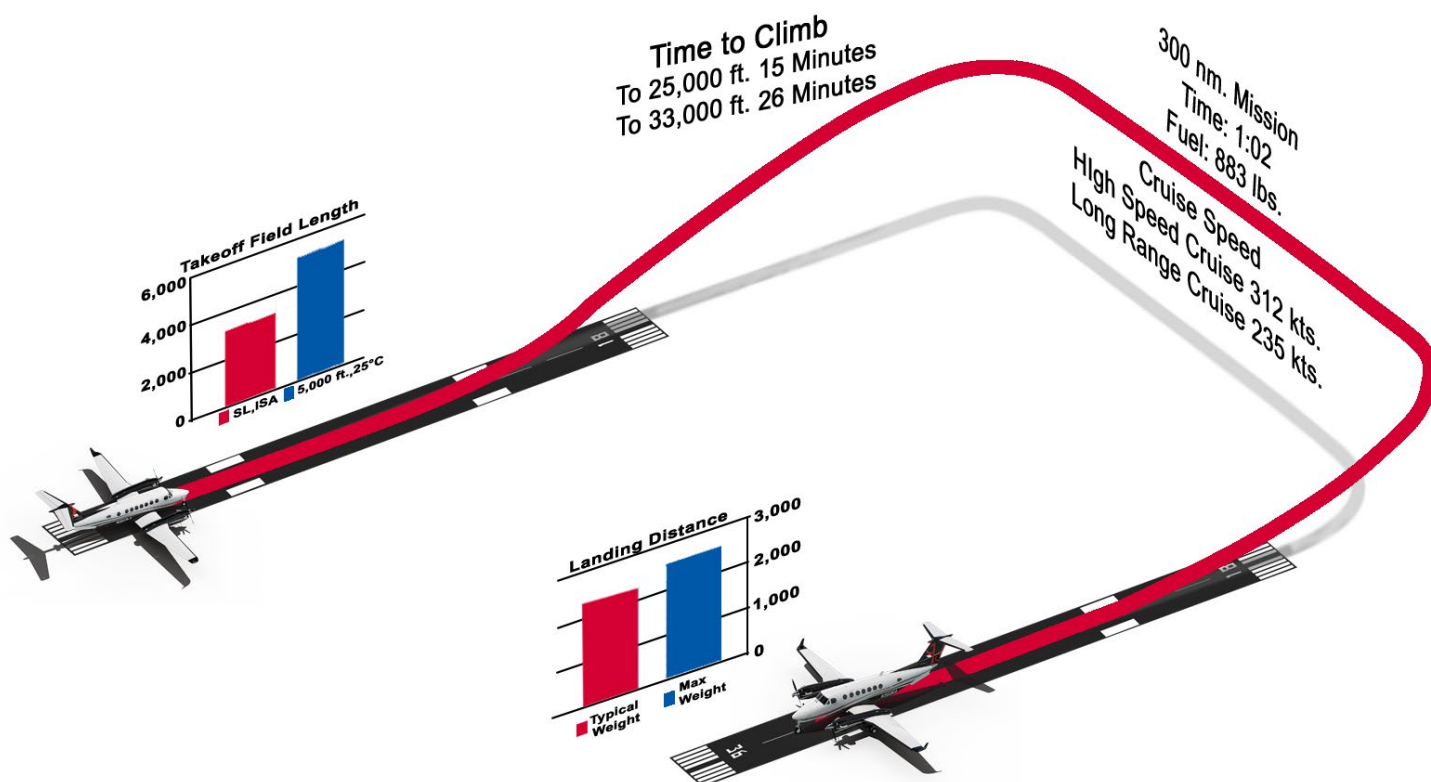
FILL THE SEATS, FILL THE TANKS, AND GO!

Introducing a no compromise solution to all your travel needs. With the King Air 350i, operators can accommodate up to nine (9) passengers comfortably and still fly almost 1,350 nautical miles. Conversely, the King Air 350i is also ideal for those shorter segments as well. Since the max landing weight (MLW) is equal to the max take-off weight (MTOW), operators can fly shorter legs while tankering fuel, saving both time and money. The KA350i can cruise over 310 KTS and climb quickly to high cruise altitudes to better avoid significant weather.

Simply stated, choosing the King Air 350i gives you the same “Peace of Mind” and business efficiency that over 7,000 King Operators worldwide have experienced for nearly 50 years!

350i MAXIMUM RANGE	
Ferry	1,792 nm / 3,319 km
Four Passenger	1,702 nm / 3,152 km

- Maximum cruise speeds over 310 Knots
- Climb directly to the max cruise altitude of 35,000 feet.
- No need to pick between passengers and fuel with the capability to take 7 passengers with a full fuel payload

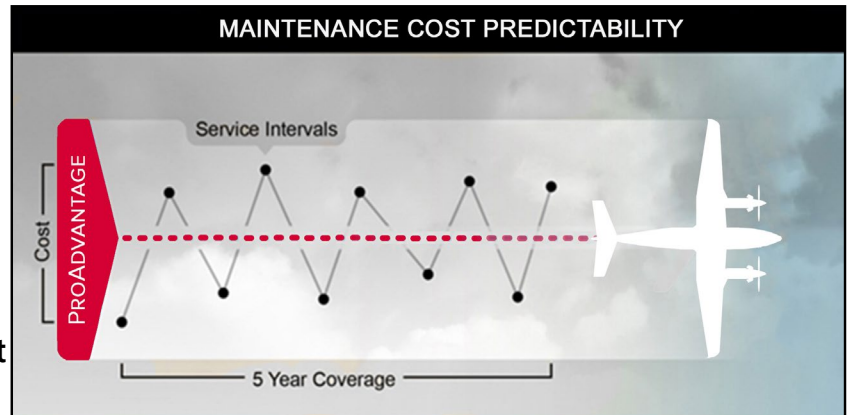




TEXTRON AVIATION WILL KEEP YOUR AIRCRAFT IN THE AIR

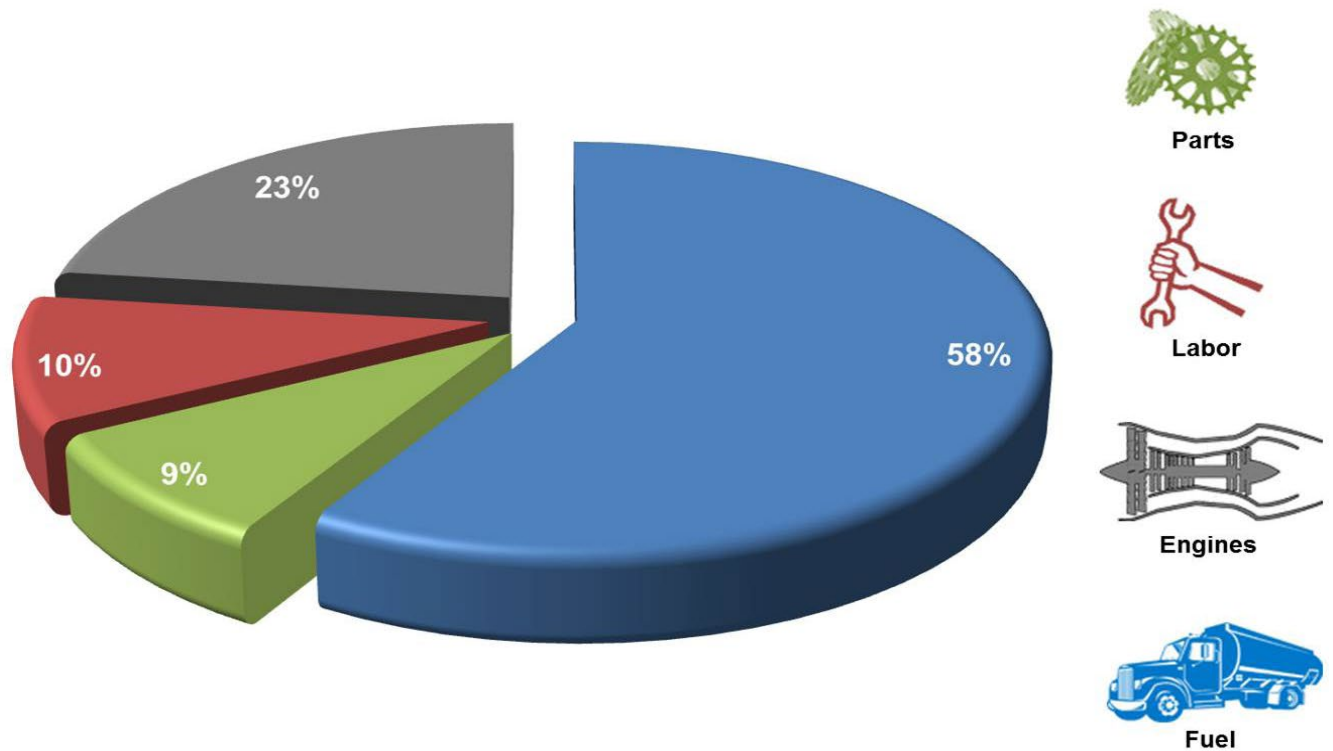
With Textron Aviation's outstanding service network, you will never be stranded without a service center nearby. Prepositioned Mobile Service Units are ready to bring technicians to your location if needed. Unique ProAdvantage maintenance programs remove uncertainty and provide a predictable operating cost budget.

- ProAdvantage includes scheduled and unscheduled maintenance, inspections, and component removal
- Textron Aviation administers all warranty issues; no need to deal with multiple vendors
- Join a network that supports almost 200,000 aircraft and more than 7,000 King Airs
- 21 Company owned and over 350 authorized service centers
- Prepositioned Mobile Service Units ready to bring technicians to your location
- Over 100 million parts in spares inventory ready to ship to customers



Find your Service Center on [Beechcraft.com](https://www.beechcraft.com)

ESTIMATED DIRECT OPERATING COSTS



FUEL (\$):	KING AIR 350i
@ \$5.00 per U.S. Gallon	640.00
(Gallons per Hour)	(128)
MAINTENANCE COST (\$):	
Labor - @ 99.00 per Man-hour	96.03
(Man-hours per Flight hour)	(0.97)
ProParts - airframe and avionics	108.80
ENGINE RESTORATION (\$):	
P&W Silver-Lite ESP Engine Maintenance Program	242.80
Propeller Overhaul Reserve	8.38
TOTAL OPERATING COSTS PER HOUR (\$):	\$ 1,096.01
Average Speed (300 nm Mission)	290
Cost per Nautical Mile (\$)	\$ 3.78



FOR MORE INFORMATION

For more Specifications click [here](#). For any further information on the King Air 350i or any other Textron Aviation product please contact:



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SUPPLEMENTAL PAGES



SPECIFICATIONS AND PERFORMANCE

CHARACTERISTICS

Seating (Crew + Passengers)	1 + 9 / 11	
Wing Loading	48.4 lb. / sq. ft.	236 kg. / sq. m
Power Loading	7.14 lb. / SHP	3.2 kg. / SHP
Noise: Take-off	72.1 dBA	

EXTERNAL DIMENSIONS

Length	46 ft. 8 in.	14.22 m.
Height	14 ft. 4 in.	4.37 m.
Span	57 ft. 11 in.	17.65 m.

ENGINES

Manufacturer	Pratt & Whitney Canada
Model	PT6A-60A
Output (per engine)	1,050 SHP / ISA+ 10°C
Inspection Interval	3,600 hrs.

WEIGHT

Max Ramp	15,100 lbs.	6,849 kg.
Max Take-off	15,000 lbs.	6,804 kg.
Max Landing	15,000 lbs.	6,804 kg.
Max Zero Fuel	12,500 lbs.	5,670 kg.
Basic Empty Weight	9,755 lbs.	4,425 kg.
1 Pilot	200 lbs.	91 kg.
Typically Equipped Basic Operating Weight	9,955 lbs.	4,516 kg.

PAYLOAD / CAPACITIES

Max Payload	2,545 lbs.	1,154 kg.
Useful Load	5,145 lbs.	2,334 kg.
Max Fuel Capacity	3,611 lbs.	1,638 kg.
(1 US gal = 6.7lb.)	539 U.S. gal	2,040 L
Fuel w/max payload	2,600 lbs.	1,179 kg.
Available payload w/max fuel	1,534 lbs.	696 kg.



SPECIFICATIONS AND PERFORMANCE (CONTINUED)

CABIN DIMENSIONS

Length	19 ft. 6 in.	5.94 m.
Height	4 ft. 9 in.	1.45 m.
Width	4 ft. 6 in.	1.37 m.

CABIN VOLUME

Cockpit	85 cu. ft.	2.41 cu. m.
Passenger Cabin	355 cu. ft.	10.05 cu. m.
Total Volume	440 cu. ft.	12.46 cu. m.

BAGGAGE CAPACITY

Internal - Heated, Pressurized	55.3 cu. ft. / 550 lbs.	1.57 cu. m. / 249 kg.
External Nacelle Lockers	16.0 cu. ft. / 600 lbs.	0.45 cu. m. / 272 kg.

PRESSURIZATION

Differential	6.5 PSI
Sea Level Cabin	15,300 ft.



SPECIFICATIONS AND PERFORMANCE (CONTINUED)

AIRFIELD PERFORMANCE

TAKE-OFF FIELD LENGTH

Max Take-off Weight, Sea Level, ISA	3,300 ft.	1,006 m.
Max Take-off Weight, 5,000 ft., 25°C	5,376 ft.	1,639 m.

LANDING DISTANCE

Max Landing Wt., SL, ISA	2,692 ft.	821 m.
V_{Approach}	100 KIAS	

CLIMB PERFORMANCE (MAX TAKE-OFF WEIGHT)

Time to Climb / Altitude	15 min / FL 250	
Climb Rate, Flaps UP	2,731 ft. / min	832 m. / min.
Climb Gradient Flaps UP	917 ft. / min.	151 m. / km.
Engine-out Rate, Flaps UP	552 ft. / min.	168 m. / min.
Engine-out Gradient, Flaps UP	304 ft. / nm.	50 m. / km.

CEILINGS

Certified	35,000 ft.	10,668 m.
All Engine Service	35,000 ft.	10,668 m.
Engine-out Service	21,500 ft.	6,553 m.

CRUISE PERFORMANCE

HIGH SPEED CRUISE

Speed	312 KTAS / 359 mph	578 km. / hr.
Fuel Flow	773 lb. / hr.	351 kg. / hr.
Altitude	FL 240	

LONG RANGE CRUISE

Speed	235 KTAS / 270 mph	439 km. / hr.
Fuel Flow	362 lb. / hr.	164 kg. / hr.
Altitude	FL 330	



SPECIFICATIONS AND PERFORMANCE (CONTINUED)

MAXIMUM RANGE PERFORMANCE (NBAA IFR RESERVES (W/100NM ALTERNATE) - HSC)

MAXIMUM PAYLOAD WITH AVAILABLE FUEL (2,545 LB. PAYLOAD)

Range	896 nm.	1,659 km.
Average Speed	273 KTAS	506 km. / hr.
Trip Fuel	1,891 lbs.	858 kg.

MAXIMUM FUEL WITH AVAILABLE PAYLOAD (1,534 LB. PAYLOAD)

Range	1,485 nm.	2,750 km.
Average Speed	280 KTAS	519 km. / hr.
Trip Fuel	2,944 lbs.	1,335 kg.

4 PASSENGERS (800 LB. PAYLOAD)

Range	1,533 nm.	2,839 km.
Average Speed	284 KTAS	526 km. / hr.
Trip Fuel	2,951 lbs.	1,339 kg.

FERRY (ZERO PAYLOAD)

Range	1,560 nm.	2,889 km.
Average Speed	288 KTAS	533 km. / hr.
Trip Fuel	2,958 lbs.	1,342 kg.

MISSION PERFORMANCE (4 PASSENGERS)

300 NM MISSION

Flight Time	1 hr. 02 min.	
Trip Fuel	881 lbs.	400 kg.
Flight Level	FL 250	

600 NM MISSION

Flight Time	2 hr. 02 min.	
Trip Fuel	1,470 lbs.	667 kg.
Flight Level	FL 290	

1,000 NM MISSION

Flight Time	3 hr. 21 min.	
Trip Fuel	2,326 lbs.	1,055 kg.
Flight Level	FL 290	