



Winglets & Whisper Prop™

A New Spin on King Air Performance



BLR
PERFORMANCE INNOVATION

Meet Whisper Prop™

A MASTERPIECE OF INNOVATION & ARTISTRY

Developed in conjunction with MT-Propeller, the BLR Aerospace Whisper Prop incorporates advanced computer design to deliver an ultra-lightweight result. When bundled with BLR Winglets, runway takeoff requirements are reduced by up to 33%³, dependent on conditions.

Whisper Prop is a carbon fiber propeller with a natural composite core that delivers unprecedented reductions in noise, vibration and weight. Smooth and quiet, the Whisper Prop is a five-blade masterpiece of innovation and artistry.

MT-Propeller* manufactures a carbon fiber propeller with natural composite core for superior noise and vibration damping. Known for exceptional engineering and craftsmanship, MT products, including the Whisper Prop system, are designed using advanced CAD/CAM machining and exhaustive analytical and flight test analysis to optimize propeller efficiency. Nearly 20,000 MT-Propeller systems operate worldwide.

Whether installed individually or combined with BLR's proven Winglet Systems, the Whisper Prop is available for most King Air 90, 200 or 350 aircraft. When purchased together, the Winglets and Whisper Prop include a Flight Manual Supplement certified and approved by the Federal Aviation Administration, EASA, and ANAC.

HIGH PERFORMANCE. LOW NOISE.

WORK AND TRAVEL IN COMFORT:

Up to 50%⁵ less noise with a meaningful reduction in vibration

TAKEOFF AND LAND WHERE YOU CHOOSE:

Up to 33%³ reduced runway length

CARRY MORE OF WHAT YOU WANT:

Increase short field useful load by up to 1,500 pounds, certified

CHOOSE A DIRECT DEPARTURE:

With up to a 50%⁴ increased climb gradient (sea level), your departure is cleared for the option

GET WHERE YOU'RE GOING SOONER:

Operate from the closest short field — save precious time

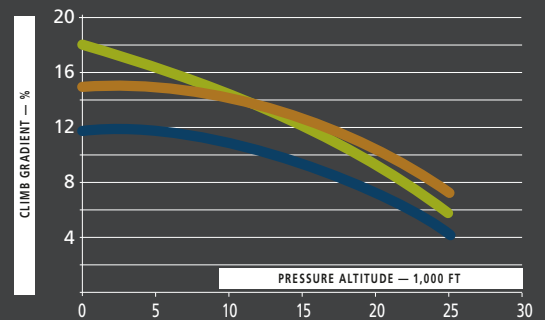
SAFE AND CONFIDENT:

Improved safety

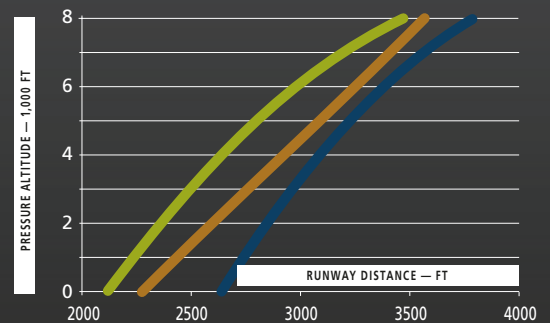
Climb above the weather faster

Improved short field performance

C90GTx Climb Performance, 10,000 lb, ISA Day⁴



King Air 200 Twin Engine Flaps Appch Take-Off 12,500 lb, ISA Day



BLR Whisper Prop & Winglets
Raisbeck/Hartzell QTFP 4-Blade Prop
Beechcraft 90GTx Factory Prop

⁴ Sea Level

⁵ Between 30–50% reduction in measured dB, compared to factory 90GTx propeller, dependent on frequency

Maximize Performance



THE BLR ADVANTAGE

Having a BLR Winglet System on your King Air 90, 200, or 300 will reduce induced drag so you can fly farther or improve your fuel economy or some of both — **it's your choice.**

BENEFITS

- Improved Certified Runway Performance
- Reduced Time to Climb
- Extended Range
- Modernized Appearance
- Improved OEI Climb
- Increased Hull Value
- Improved High Altitude Performance
- Improved Slow Flight

LED LIGHTING NOW FAA CERTIFIED

Never miss a night flight again for a burned out bulb and enjoy less flashback while IMC. Modernize and improve the mission readiness of your King Air 90 or 200 with all new, reliable LED lighting.

800 SYSTEMS

With 800 systems in operation worldwide, BLR Winglets are proven, reliable, and certified by the FAA, EASA and ANAC. In fact, Textron Aviation (formerly Beechcraft) is incorporating BLR Winglets into new King Air 250 and C90GTx aircraft at the factory. They're that good!



Upgraded LED Lighting

WHAT IT IS

BLR's Winglet System is an aluminum wing tip, carbon fiber winglet with integrated position, recognition and strobe LED lighting. The Winglet System increases overall wingspan by 3 feet 5 inches.

Installation of the Winglet System can be accomplished in approximately one week and will require paint to match existing color scheme. Extended length de-icing boots are available as an option.

WHAT IT DOES

The Winglet System increases wing span and wing aspect ratio to reduce induced drag and allows your King Air 90, 200, or 300 to fly faster on less fuel. In addition, the Winglet acts as a physical pressure barrier, preserving valuable lift at the outboard extremity of the wing.

By increasing wing efficiency, the BLR Winglet System provides superior runway performance, certified, and improved handling qualities during slow flight, OEI and at higher flight levels.

WHAT'S IN IT FOR YOU?

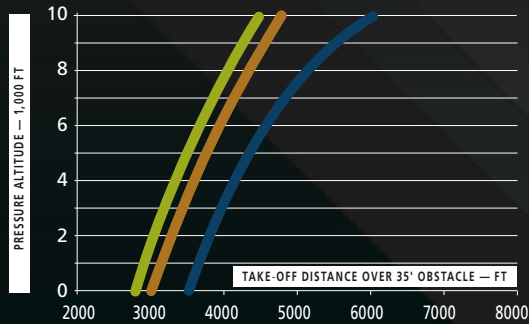
King Air operators around the world are enthusiastic in their praise for BLR Winglet Systems. They tout the performance, aesthetic and financial benefits. In fact, many operators find that, depending on mission profile, Winglets shorten runway requirements by up to 33%³, increase climb gradient by up to 50%, and reduce fuel consumption by up to 5 percent. Want to know how Winglets can benefit your flight operation? Contact BLR for more performance details.

SPOTLIGHT ON CERTIFIED PERFORMANCE. CLIMB FASTER. SAVE FUEL. HERE'S HOW.

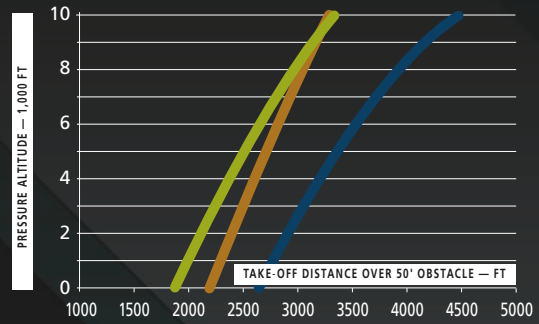
King Air 90 and 200 Winglets are now available from BLR with FAA/EASA/ANAC approved runway performance.

King Air 90s with Winglets now benefit from runway lengths reduced by at least 30% for Part 91² operators and at least 23% for Part 135¹ operators. Take off in as little as 1,900 feet³ — revolutionary!

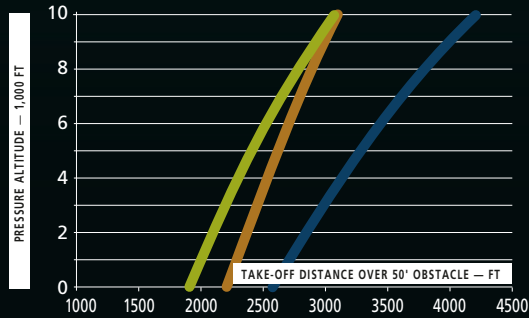
¹C90GTx Accelerate-Go Take-Off Distance, 10,000 lb, ISA +20 °C Day



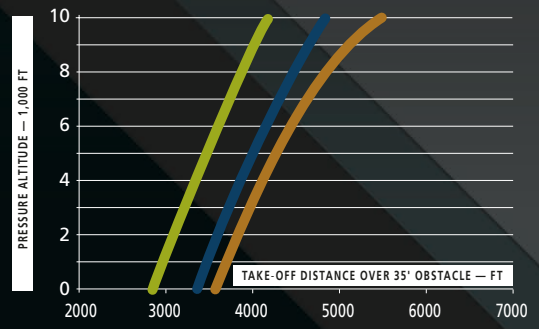
²C90GTx Twin-Engine Take-Off Distance, 10,000 lb, ISA +20 °C Day



³C90GTx Twin Engine Take-Off Distance, 10,500 lb, ISA Day



C90GTx Accelerate-Stop Distance, 10,000 lb, ISA Day



BLR Whisper Prop & Winglets — Yellow
Raisbeck/Hartzell QTFP 4-Blade Prop — Orange
Beechcraft 90GTx Factory Prop — Blue



"...it is my opinion 100% of the cost of this modification can be added to the Average Retail reported in the Aircraft Bluebook - Price Digest."

— Carl Janssens, ASA, Aircraft Bluebook - Price Digest



BLR Aerospace is fully devoted to performance innovation. With products on more than 5,000 helicopters and airplanes worldwide, and endorsed by industry-leading OEMs such as Bell Helicopter and Textron Aviation (formerly Beechcraft), we back our superior designs with unsurpassed manufacturing quality.

WHERE TO BUY

Whisper Prop and Winglets are available through a large network of dealers around the world. Visit the BLR website (BLRaerospace.com) to find the dealer nearest you.

CONTACT

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