Winglets & Whisper Prop®
A New Spin on King Air Performance
"It was the best decision I’ve made. Our time to altitude has been decreased by about 25%. And the quietness is unbelievable!"
-Jeff Jacobs, pilot for 30 years

WHISPER PROP®

The five bladed BLR Whisper Prop® is manufactured by MT propeller, the world’s most innovative aircraft propeller company. The Whisper Prop is a natural wood composite structure. The core of the blade is a hybrid comprised of spruce wood and a resin injected Beech wood at the blade’s root. The blade core is protected with carbon fabric face skins that are bonded to the wood core. Each blade is finished with a nickel cobalt leading edge, providing unsurpassed erosion and damage protection.

THE BLR ADVANTAGE

The Whisper Prop® is highly engineered to be the smallest diameter, quietest, and most advance composite prop on the market today. The reduction in blade length drastically reduces noise and vibration by more than 50% and significantly decreases the chances of FOD damage. To further increase protection from damage, each blade is finished with a nickel cobalt leading edge that is three times harder than aluminum. Unlike its counterpart made from aluminum or as a foam core composite, the Whisper Props® wood core wrapped in carbon skin guarantees unlimited blade life and in-service field repairs. The Whisper Prop® is certified for 40,000 in flight hours.

BENEFITS

- Unlimited Blade Life
- Field Repairable Blades
- Shorter Blade Diameter
- Modern Highly Engineered Design

- Dramatic Reduction in Noise and Vibration
- Reduced Foreign Object Damage (FOD)
- Nickel-Cobalt Leading Edge - Toughest Available
- Lower Maintenance Cost

QUIETEST PROPELLER

Experience a 30-50% reduction in noise and vibration with BLR’s Whisper Prop® system installed on your King Air.

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<thead>
<tr>
<th>King Air 350</th>
<th>King Air B200</th>
<th>King Air C90</th>
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<tbody>
<tr>
<td>Up to 30% Noise Reduction</td>
<td>Up to 30% Noise Reduction</td>
<td>Up to 50% Noise Reduction</td>
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<tr>
<td>Metal factory prop</td>
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<tr>
<td>WHISPER PROP®</td>
<td>Composite factory prop</td>
<td>Raisbeck Swept Blade</td>
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<tr>
<td>82.2 dB</td>
<td>80.0 dB</td>
<td>75.0 dB</td>
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<td>WHISPER PROP®</td>
<td>Raisbeck Original</td>
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<tr>
<td>77.1 dB</td>
<td>81.7 dB</td>
<td>76.0 dB</td>
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<td>77.1 dB</td>
<td>68.3 dB</td>
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Get the ultimate performance out of your King Air by combining BLR’s Whisper Prop® and Winglet System that are proven to be better together in any environment. When bundled, runway takeoff distance requirements are reduced by up to 33%, depending on conditions. The bundle is available for most King Air 90, 200, or 300 aircraft. When purchased together, the Winglets and Whisper Prop® include a Flight Manual Supplement certified and approved by the Federal Aviation Administration, EASA, ANAC, most other Civil Aviation Authorities.

See charts below for performance changes with the BLR bundled upgrade:

**Shorter Take Off 90**
King Air 90 Flaps Up Take-Off Distance, ISA Day

- **32% Reduction in Take-Off Distance**
- **1500 lbs Increase in Useful Load**

**Shorter Take Off 200**
King Air 200 Twin Engine Flaps Up Take-Off, ISA Day

- **17% Reduction in Take-Off Distance**
- **2000 lbs Increase in Useful Load**
WINGLET

BLR’s Winglet System is an engineered lightweight aluminum wing tip, carbon fiber winglet with integrated LED position, recognition, and anti-collision lighting. BLR’s Winglet System is certified by the FAA and approved around the world by most Civil Aviation Authorities. The Winglet System increases your overall wingspan by 3‘5” and installation can be accomplished in approximately one week. Extended length de-icing boots are available for additional protection.

THE BLR ADVANTAGE

BLR’s Winglet System has been trusted to reduce operating costs and enhance the performance of 1,000 King Airs in over 25 countries. The addition of the BLR Winglet System will reduce aerodynamic drag and allow your King Air to fly faster on less fuel. By increasing wing efficiency, the Winglet System provides superior certified runway performance, improved handling qualities during slow flight, improved OEI performance, and shorter time to climb. The system also includes our FAA certified LED system providing improved dispatch reliability.

BENEFITS

• Improved Certified Runway Performance
• Reduced Time to Climb
• Extended Range
• Modernized Appearance
• Reduce Fuel Costs
• Improved OEI Climb
• Increased Hull Value
• Improved High Altitude Performance
• Improved Slow Flight Performance
• Improved Dispatch Reliability
WHERE TO BUY
Whisper Prop and Winglets are available through a large network of dealers around the world. Visit the BLR website to find the dealer nearest you.

CONTACT
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