

# Van Horn Aviation

## Composite 206B Main Rotor Blades



<b>Part Number:</b>	<b>20635000-501</b> <i>Replaces Bell P/N 206-010-200-133, -137, -139, -145, -149, -151</i>
<b>Certification:</b>	FAA STC/PMA expected 3rd Quarter 2020
<b>Service Life:</b>	<b>10,000 hours</b> <i>5,000 hours for Bell P/N 206-010-200-133, -137, -139, -145, -149, -151</i>
<b>Construction:</b>	Corrosion-resistant <b>carbon fiber</b> spar and skin construction, closed cell structural foam interior, titanium attachment plates
<b>Leading Edge Protection:</b>	Stainless steel/nickel abrasion strips along entire length of leading edge for <b>leading edge fidelity and erosion protection</b>
<b>Airfoil Design:</b>	NASA RC(4)-10 laminar flow airfoil for <b>improved efficiency</b>
<b>Paint:</b>	Nano hybrid polyurethane (NHP) topcoat for increased <b>durability, flexibility, and corrosion resistance</b>
<b>Performance:</b>	<b>3-5 kt increase in speed</b>
<b>Installation:</b>	Direct replacement <b>without hub modification</b>



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