



# READ ME FIRST!

## Van Horn Aviation 206B Main Rotor Blades

Congratulations! You are about to install Van Horn Aviation (VHA) composite main rotor blades. Our blades are different by design than the OEM metal blades. Our blades are designed to provide better performance and longer useful life.

- VHA blades are stiffer than metal blades, making them more responsive to control inputs. **Pilots should anticipate an adaptation period where they will refine their flight habits and techniques** slightly when transitioning to our blades.
- Our blades are NOT interchangeable with metal blades. Our blades require slightly different tracking and balancing procedures to achieve optimal ride quality.

### Installation and Track and Balance

- We ship the blades with the trim tab at zero degrees, and many operators find they need **little to no adjustment of the trim tab**.
- We recommend using the Chadwick Vibrex 2000 balancer and/or polar charts found at [vanhornaviation.com/documents](http://vanhornaviation.com/documents)
- **Adjust pitch links** prior to adjusting trim tab. Ensure the trim tab is at zero degrees prior to trim tab adjustment.
- Once within acceptable vibration criteria per the maintenance manual, track and **balance for ride comfort**, not a specific IPS number.

### For Pilots

- Our blades provide more performance; a **less aggressive technique** will often give better results.
- A slightly higher vibration may be felt through effective translational lift (ETL). **This is normal.**

For Pilots (Continued)

- You may perceive an audible difference between the sound of our blades and metal blades.
- The increased blade stiffness combined with the advanced airfoil design have noticeably improved gust response characteristics.

For the most current Instructions for Continued Airworthiness (ICA), download the 206B3 Main Rotor Blade ICA from [www.vanhornaviation.com/documents](http://www.vanhornaviation.com/documents).

QUESTIONS? Visit [www.vanhornaviation.com](http://www.vanhornaviation.com) or call 1-480-483-4202.

