



VHA MAIN ROTOR BLADES

3X LIFE LIMIT INCREASE

18,000 Flight-hour life limit, over three times the life limit of conventional metal blades

Made with carbon fiber and epoxy material for minimal corrosion

LIFE CYCLE COST REDUCTION

Decreases DOC to <\$7 / flight-hour, including cost of overhauls

AERODYNAMIC EFFICIENCY

Composite material is molded to precise airfoil specifications for increased aerodynamic efficiency, strength and stiffness

3 YEAR • 2,800 FLIGHT-HOUR WARRANTY

Backed by Van Horn Aviation for manufacturing and material defects, excludes damage due to erosion

VHA TAIL ROTOR BLADES

STRENGTH AND DURABILITY

5,000 Flight-hour service life, double the life of conventional metal blades

Titanium root fitting and stainless steel pitch bearings provide increased strength and durability

40% NOISE REDUCTION

Backed by FAA-approved acoustics testing

OPTIMAL CONTROL

Produces greater tail rotor authority at higher altitudes, providing increased control

3 YEAR • 1,500 FLIGHT-HOUR WARRANTY

Backed by Van Horn Aviation for manufacturing and material defects, excludes damage due to erosion and bearing replacement



“ I have been operating Bell 206's since 1996 and am currently an owner, pilot, and licensed mechanic. I have Van Horn Aviation tail rotor blades on all of my helicopters. When VHA announced they were manufacturing main rotor blades, I wanted to get one of the first sets. Installation was easy, similar to installing Bell Helicopter blades. Once the rotor system was on, the balance was achieved in a few moves, and the track was perfect from the start! The VHA blades are manufactured with 21st century technology, and most importantly to any operator who plans to stay in business long term, the cost per hour of operation drastically decreases. I am very pleased with my VHA rotor blades. ”

– BOB HOAG, HUMMINGBIRDS INC.

READY TO UPGRADE TO YOUR NEW COMPOSITE ROTOR BLADES?

CAT. NO.	DESCRIPTION	APPROVAL	STC NO.
20631000-101-ORANGE	206B VHA Main Rotor Blades (High visibility orange and white)	FAA-STC, CANADA	SR02577LA
20631000-101-BLACK	206B VHA Main Rotor Blades (High visibility black and white)	FAA-STC, CANADA	SR02577LA
2062200-301	Bell 206B and 206L Series VHA Tail Rotor Blades	FAA-STC, CANADA, EASA, BRAZIL, JAPAN	SR02249LA



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