



EXPLORER HOMEBUILT®
Experimental Composite 3 blade Propellers for
damped crank Lycoming (I)O-360, IO-390 series, and
(I)O-320 series engines



3 Blade, ASCII Carbon Fiber Scimitar
Propeller

Part number: 3CR00406X (180 HP)
Part number: 3CR00400X (200 HP)
Part number: 3CR00404X (210 – 215 HP - Vans)
Part number: 3CR00410X (215 HP - Sportsman)
1 3-BladedPropeller 3C1-R430A1X/76C03-2X2

Part number: 3CL00300X(160 HP)
1 3-BladedPropeller 3C1-L430A1X/76C03-7X2

Aircraft Serial and registration numbers required when ordering
All Prices FOB Hartzell Propeller Inc.
Prices do not include Ohio State Sales Tax
Installation and Dynamic Balancing available at an additional charge

Telephone: (937) 778-5726 Option 2 / (800) 942-7767 Option 2
Internet: www.hartzellprop.com

Fax: (937) 778-4215
Email: topprop@hartzellprop.com

**T
O
P

P
R
O
P

P
E
R
F
O
R
M
A
N
C
E

C
O
N
V
E
R
S
I
O
N
S**



Applicable Models: The 3C1-R430A1X/76C03-2X2 propeller is 74" in diameter and has been vibrationally tested, and is compatible with damped (crankshaft counterweights) Lycoming 360 and 390 series engines (e.g. Lycoming IO-360-A1B6). **The new propeller must not be used with undamped Lycoming 360 engines (e.g. Lycoming IO-360-M1B).** This is suggested for Van's RV-(7A ,8 ,8A ,14) models; Van's does not recommend 74" diameter on tailwheel models other than the RV-8. This prop is also suggested where cross country performance is the priority.

Specifications: 74 inch diameter 3-bladed, aluminum "Raptor™" hub and Carbon Fiber Scimitar blades
2400 hour / 6 year TBO
42 lb.
Diameter: Max. 74"

Applicable Models: A shorter version, the 3C1-L430A1X/76C03-7X2 model propeller is available at 69" in diameter. This model has been vibrationally tested and may be used with Lycoming (I)O-320 engines with compression ratios less than or equal to 8.5:1. This is suggested for Van's RV-(3,4,9,9A) models.

Specifications: 69 inch diameter 3-bladed, aluminum "Raptor™" hub and Carbon Fiber Scimitar blades
2400 hour / 6 year TBO
42 lb.
Diameter: Max. 69"

Advantages: Smooth operation
Unlimited blade life
Very light weight "Raptor™" hub and ASCII composite blades
Top Prop Warranty to first overhaul (6yr/2400 hr)
Hartzell worldwide service network