PROPellers

Warp Drive’s Advanced Composite Carbon Fiber propeller has a structural strength near that of metal propellers. Because of the stiffness achieved by using carbon fibers, the prop will do very little coning (bending forward) under power. Proper fiber placement allows the prop to flex torsionally for maximum cruise efficiency. The strongly fixed position of the blades along with optimum torsional performance translates into more thrust than conventional propellers.

The interior structure of this new propeller is all carbon fiber - no fiberglass, no foam, no filler - an all carbon fiber matrix combined with top quality hybrid epoxies. Carbon fiber is one of the strongest building materials available. When properly engineered, carbon fiber can achieve the stiffness and strength of a metal part, as demonstrated by its wide range of industrial and aerospace uses.

Warp Drive Propeller Blade Types

All propellers and blade types are available with Stainless Steel Leading Edge protection as an option at additional cost.

1. Standard Advanced Composite Carbon Fiber Blades
   The Standard Carbon Fiber Blades can be used on Rotax, Arrow, VW and similar engines.

2. High Horse Power Advanced Composite Carbon Fiber Blades
   The Carbon Fiber HP Blades will be required for use on Lycoming, Continental and some auto conversion engines.

Warp Drive Hubs

Warp Drive offers two types of hubs of our propellers. First is our Standard Hub. This is an assembly of anodized aluminum plates and composite clamping blocks. It accommodates standard and custom hub bolt patterns of up to 3 1/8".

The second type of hub is the HP Hub. This hub consists of two halves machined from solid aluminum. It is the same weight as the standard hub assembly and can accommodate Rotax, Arrow, VW, SAE I Continental, SAE II Lycoming and Continental engines.

Standard Carbon Fiber Propeller

2-Blade Std Carbon Fiber Propeller..............05-31920.................$482.00
3-Blade Std Carbon Fiber Propeller..............05-31925.................$687.00
4-Blade Std Carbon Fiber Propeller..............05-31930.................$1,062.00
Replacement Std Carbon Fiber Blade..............05-31935.................$207.95

WITH HP HUB

05-31940..................................$795.00
05-31945..................................$924.00

High Horse Power Carbon Fiber Prop with HP Hub

2-Blade Carbon Fiber HP w/ HP Hub .............05-31950.................$972.00
3-Blade Carbon Fiber HP w/ HP Hub .............05-31955.................$1,225.00
Replacement Carbon Fiber HP .....................05-31960.................$362.00
Mounting Hardware (Rotax) ......................05-31965.................$17.95
Protractor ........................................$100.00
Non-Standard Hub Pattern .......................05-31970.................$45.50
"HP" Hub (purchased separately) .................05-31980.................$245.95
"HP" Hub (purchased separately) .................05-31885.................$338.00

Ordering a Propeller

We request all applicable information below when you are ordering:
1. Name, Address, Phone Number(s)
2. Vehicle - type, make, model, cruise speed, tractor/pusher
3. Engine - make, horse power, RPM
4. Reduction Drive - type, ratio. If there is no reduction drive, (State Prop RPM)
5. Hub Requirements - A) Bolt circle dia, B) Number of bolts, C) Bolt dims, D) Center hole dims, E) Drive lug dimensions (if applicable), F) Propeller Description-rotation, diameter, structural limitation of diameter manufacturer’s suggested prop description, no. of blades, tractor or pusher.

Prices Subject to Change Without Notice

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