



**THE FACTORY  
CHOSE THE  
HARTZELL  
COMPOSITE  
FOR GOOD  
REASONS.**

## SPECIAL PURCHASE

Special Program on composite 3-bladed propeller conversion for the TSIO-550 powered Malibu (PA46-310P).

Interested in upgrading your propeller to the Hartzell 3-bladed composite propeller?



Package includes:

- Factory Overhauled 0 TSO composite blades
- New Propeller Hub
- New polished Spinner & backing plate
- New De-Ice kit
- Engine Cooling Kit
- 1 year/1000 hour warranty

*Call for Pricing and Availability. Availability is limited and will be on a first come, first served basis.*

Contact us for more information.

Chad Menne  
Malibu Power and Propeller  
1-866-3-MALIBU  
cwmenne@malibumods.com



## THE FACTORY CHOSE THE HARTZELL COMPOSITE FOR GOOD REASONS.

## HERE'S WHY YOU SHOULD TOO.

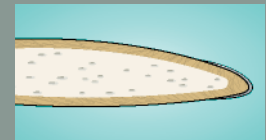
The Hartzell three-bladed composite propeller system developed for Piper and installed on factory new Mirages is now available for earlier Malibu Mirages through Top Prop™ -and you won't find a more rugged, durable composite prop to fly behind.

Hartzell's Kevlar™-epoxy blades were initially developed for the regional airline market. And, since Kevlar™ is used for bullet-proof vests, you know it's tough material. As a result, this propeller offers the highest overhaul interval of any propeller available for Malibu Mirages (6-years/2400 flight hours). This structural composite construction has withstood millions of hours of airline service in all weather and all operating conditions. The blades have an unlimited fatigue life designation from the FAA, are extremely repairable, and are certified to special bird-strike and lightning-strike criteria.

But the real shining point is the performance of the 80-inch diameter prop. Take-off ground roll distances are reduced up to 25%, and the distances to clear a 50-foot obstacle are reduced by as much as 11%. Cabin noise and vibration are drastically reduced as well, providing a more comfortable overall flight experience. All this is achieved with minimal additional weight, while giving your aircraft a new, more aggressive appearance. Choose the composite propeller the Piper factory chose: Hartzell. For more information, call 1-877-6-MALIBU (1-866-662-5428) or visit [www.malibumods.com](http://www.malibumods.com).



*An extremely hard electro-formed nickel leading edge protects the composite material against erosion and is replaceable.*



*Multiple layers of Kevlar™ composite material provide structural strength, not a wood or metal spar. The lightweight foam core is used only to allow ply lay-up.*



*The blade uses a patented double retention system to provide an integral bond between the aluminum shank and the composite material without the use of fasteners, such as bolts or screws.*

**MALIBU  
POWER &  
PROPELLER**

