



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

Malibu M-5

The M-5 STC includes a TSIO-550-C engine, cooling mod & 3-Blade Composite Propeller and will allow your aircraft to takeoff and climb faster. The 40% thrust increase on takeoff and 15% increase during climb means the plane will reach altitude in less time. The M-5's cooling mod lowers CHTs from 20° to 40° with no drag penalties and is exceptionally smooth and quiet. The M-5 can provide higher cruise speeds and better fuel efficiency while operating exceptionally smooth.

Package includes:

- New or Factory Remanufactured TSIO-550-C Engine.
- Factory new three blade composite propeller.
- New polished Spinner & backing plate.
- New De-Ice kit.
- Engine Cooling Kit.
- 1 year/1000 hour warranty.

Call for Pricing and Availability.

Contact us for more information.

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THE FACTORY CHOSE THE HARTZELL COMPOSITE FOR GOOD REASONS.

HERE'S WHY YOU SHOULD TOO.

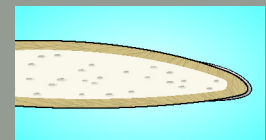
The Hartzell three-bladed composite propeller system developed for Piper and installed on factory new Mirages is now available for earlier Malibus through Malibu Power & Propeller -and you won't find a more rugged, durable composite prop to fly behind.

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.

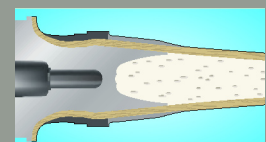
But the real shining point is the performance of the 80-inch diameter prop. Take-off ground roll distances are reduced up to 25%, and the distances to clear a 50-foot obstacle are reduced by as much as 11%. Cabin noise and vibration are drastically reduced as well, providing a more comfortable overall 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.



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**

