



Hartzell / GT blades replacement

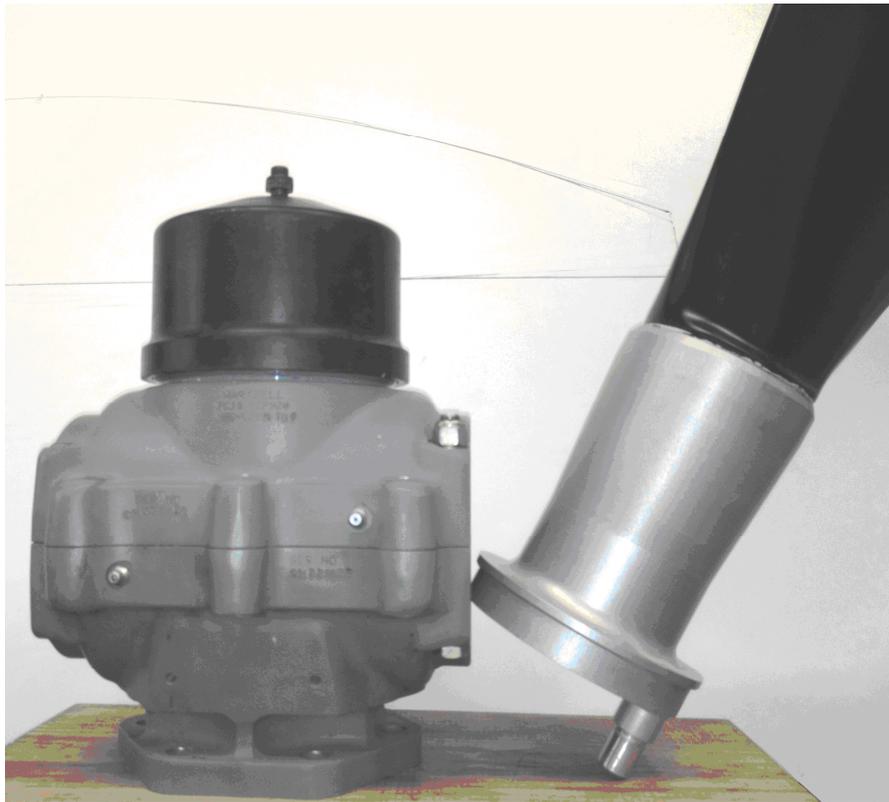
For discerning aircraft home builders and recreational aerobatic pilots who are no longer satisfied by the performance and limitations of standard heavy metal props, there is an affordable, highly advanced constant speed propeller option waiting for you. Just read on to learn more.

GT Propellers, the renowned designer and manufacturer of contemporary propellers, is able to supply a tailored constant speed prop for your specific project. Therefore you are no longer trapped with the stock standard blade sizes and design that our competitors offer and you are able to have the perfect propeller for your aircraft.

If you already operate a stock standard Hartzell prop then this is a good time to upgrade your aircraft with light-weight, high-performance GT blades that are built for superior performance.

Following the recent success in the production of new blades, which includes the highly acclaimed Yak propeller, new WW II blades that can handle up to 2000 HP, and various homebuilt projects, GT Propellers has turned its attention to expanding its range to a new and highly anticipated hub category propellers.

After 3 years of intensive product testing, GT Propellers has developed a blade system which is SPECIFICALLY designed and manufactured to be installed on the well-known and reliable Hartzell prop. The range includes Pusher or Tractor configuration, and left or right rotating are possible - from two to six bladed configurations .



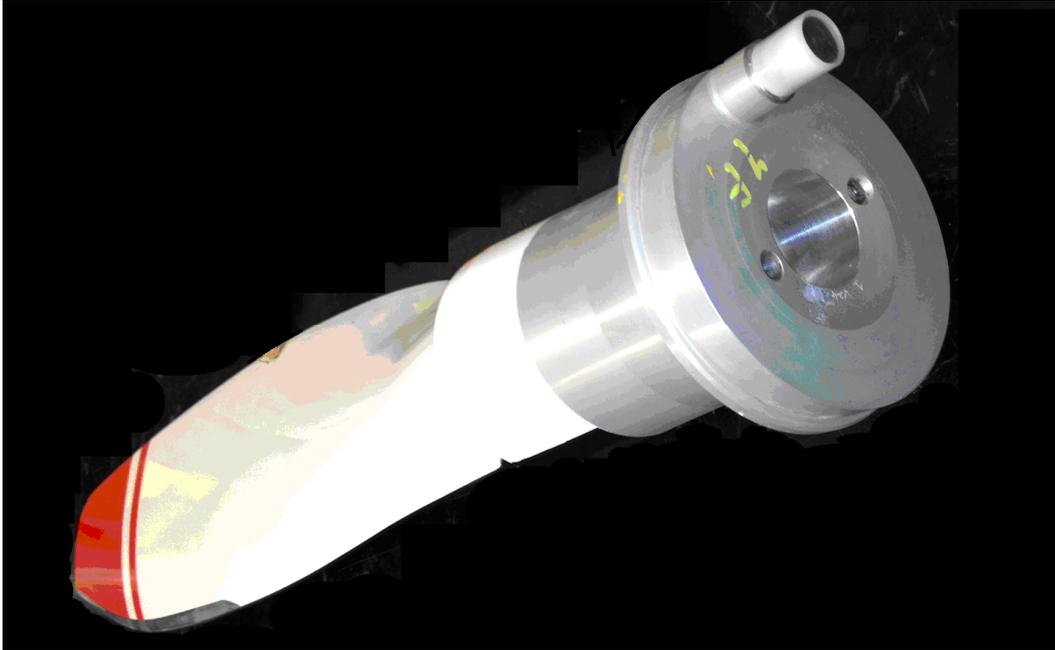
Aircraft owners that have a Hartzell hub can now significantly improve their performance when compared to the metal propellers. The sophistication of our design is that installation of the GT Propeller is incredibly easy:

When you order our blades this is what you need to specify:

- 1) aircraft make and model and engine type
- 2) hub type and spinner size - as each new blade is specifically enhanced to match the engine and aircraft performance so that propeller and engine work in perfect harmony .

Propeller installation simply involves the removal of the old aluminium blades by an approved propeller organisation – remember you utilise the existing hub and its internal components to fit the new GT blades – all components are fully compatible.

The advantage is that NO new hub components are required and NO engine or governor modifications need to be made - saving both time and money.



After assembly of the new blades, the propeller organisation reassembles the hub according to the manufacturer's specifications. They will then perform a static balance check and prop is then reinstalled on the aircraft. The aircraft is now ready for flight and ready for you to enjoy the benefits of light-weight advanced propeller technology.

With the GT Propellers solution, you won't be grounded for weeks while you upgrade.

These blades are produced for the Experimental market only but are built by our highly trained professionals at GT Propellers who utilise our EASA approved production process. So you can be assured of high quality and reliability.

Three blade models are currently in production. They are:

- The GTV-14HY for touring and racing planes



- The GTV-20HY paddle for aerobatic planes and STOL



- The GTV-24HY specific for RV family



Please remember that custom and individual blades can be produced on request for specific applications. We can even reproduce vintage blades.

Pilots flying these modern designed wood composite blades will immediately recognise the benefits achieved by our technologically advanced components.

Just as a quick comparison on standard blades, the C2YL-1BF sized 72" with GT blades installed saves 20 pounds which is about 10 kg !

Each model blade is precisely manufactured for its optimal performance for a specific purpose but each blade offers the following advantages:

- Lighter weight with lower polar moment
- Smoother operation due to reduced vibrations
- Greater flight
- No engine RPM limitations
- Faster acceleration
- Better aerobatic performance
- Noise reduction
- Reduced hub stress
- Reduced engine damage in the event of a prop strike
- High safety factors
- Lower fuel burn
- Better engine cooling
- Leading edge protect
- Easy to restore and maintain
- Impressive looks and customised finish.
- Better value during aircraft resale

Aerobatic pilots, flying clubs and homebuilders will appreciate all the advantages possible at a very competitive price.

Please contact us for further information.

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