



mt-propeller



Type of Aircraft: Piper PA-46-310P
FAA STC #: SA01542AT
EASA/LBA STC #: SA0786
Aircraft TCDS #: A25SO
Propeller TCDS #: P3BO

Applicable Aircraft
 Piper PA-46-310P

Engine
 Teledyne Continental Motor TSIO-520-BE,
 TSIO-550-C

STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-14-D/195-30a
One Full Composite Spinner (AFRP)	P-477-A
One Airplane Flight Manual Supplement	VK E-521E
One Installation Instruction	VK E-511E
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-14-D/195-30a
Propeller Hub	MTV-14-D
Blade	Milled single-piece aluminum hub
Blade Design	195-30a
Installed Propeller & Spinner Weight	Light-weight natural composite
Maximum Diameter	61 lbs
Minimum Diameter	76.8 in.
TBO	74.8 in.
	1800 hrs / 72 month (whichever occurs first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

Hartzell BHC-C2YF-1BF/F8052, PHC-C3YF-1RF/F7663D(B)-2Q
 PHC-G3YF-1E/7890K

Advantages

- Best vibration dampening characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Shorter take-off distance by approx. -5 % (SL, ISA conditions)
- Enhanced climb and cruise performance by approx. 5 to 10% (SL, ISA conditions)
- Enhanced cruise performance by 5 to 8 kts (MTOW, ISA conditions)
- Unlimited blade life
- Significant inside and outside noise reductions



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