



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 4-Blade Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Operation and Installation Manual

MTV-14-D/195-30a
P-477-A
VK E-521E
VK E-511E
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Installed Propeller & Spinner Weight
Maximum Diameter
Minimum Diameter
TBO

MTV-14-D/195-30a
MTV-14-D
Milled single-piece aluminum hub
195-30a
Light-weight natural composite
61 lbs
76.8 in.
74.8 in.
According to SB 1() latest issue

Replaces

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

Advantages

- Best vibration damping 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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