



mt-propeller



Type of Aircraft: Piper PA-28- ()
FAA STC #: SA02598AT
EASA/LBA STC #: SA1173
Aircraft TCDS #: A25SO
Propeller TCDS #: P25NE

Applicable Aircraft

Piper PA-28R-201T, PA-28RT-201T
S/N 28R-7703001 through 28R-7803374,
2803001 through 2803012, 28R-7931001
through 28R-8631005, 2831001 and 2831038

Engine

Teledyne Continental Motor TSIO-360-F, -FB



STC Kit Contents

One 3-Blade Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Operation and Installation Manual

MTV-12-D/188-30d
P-285-7
Doc. No. E-677-E
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-12-D/188-30d
MTV-12-D
Milled single-piece aluminum hub
188-30d
Light-weight natural composite
45.6 lbs
74 in.
72 in.
According to SB 1 () latest issue

Replaces

Hartzell BHC-C2YF-1()/F/8459A-8R, PHC-C3YF-1()/F/7663-2R

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Take-off distance remains unchanged
- Enhanced climb and cruise performance by approx. 5 % (SL, ISA conditions)
- Enhanced cruise performance by 2 to 3 kts (MTOW, ISA conditions)
- Unlimited blade life
- Significant inside and outside noise reductions

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