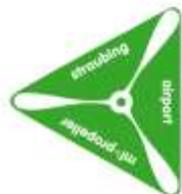


mt-propeller



**Type of Aircraft:** Piper PA-32- ( )  
**FAA STC #:** SA03446AT  
**EASA STC #:** 10071814 Rev 1  
**Aircraft TCDS #:** A3SO  
**Propeller TCDS #:** P24NE / P.096

**Applicable Aircraft**

Piper PA-32-260 (Cherokee Six 260),  
PA-32-300 (Cherokee Six 300)  
PA-32-301 Saratoga  
PA-32R-300/-301; PA-32RT-300

**Engine**

**PA-32-260:**

O-540-E-series

**PA-32-300/-301, PA-32R-300/-301, PA-32RT-300:**

IO-540-K-series



**STC Kit Contents**

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

MTV-9-B/198-52( )  
P-296-2 or P-666-7 or P-1036-1  
E-3506 / E-3525  
E-3507  
E-3508  
ATA 61-01-24 (E-124)

**Propeller Specifications**

Full Propeller Designation  
Propeller Hub

Blade

Blade Design

Installed Propeller & Spinner Weight  
with Electric Propeller De-Ice

Installed Propeller & Spinner Weight  
without Electric Propeller De-Ice

Maximum Diameter

Minimum Diameter

TBO

MTV-9-B/198-52( )  
MTV-9-B  
Milled single-piece aluminum hub  
198-52( )  
Light-weight natural composite  
29,5 kg (65 lbs)  
25.3 kg (55.8 lbs)  
198 cm (78 inch)  
193 cm (76 inch)  
According to SB 1 ( ) latest issue

**Replaces**

Removes the original propellers and the appropriate spinners.

**Advantages**

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

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