



mt-propeller



Type of Aircraft: Piper PA-28
FAA STC #: SA04463NY
Amended June 02, 2026
EASA STC #: 10062339 R1
Aircraft TCDS #: US 2A13
Propeller TCDS #: EASA P.096

Applicable Aircraft

PA-28-235 (Cher. Pathfinder)
PA-28-236 (DAKOTA)

Engine

PA-28-235: Lycoming O-540-B1B5
Lycoming O-540-B4B5
PA-28-236 Lycoming O-540-J3A5D



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-1297-3
Doc. No. E-2885
Doc. No. E-2886
Doc. No. E-2287
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Installed Propeller & Spinner Weight
Propeller Diameter

MTV-9-B/198-52
MTV-9-B
Milled single-piece aluminum hub
198-52
Light-Weight Natural Composite
27,3 kg (60,2 lbs)
198 cm (77.9 inch)
Cut-off to 193 cm (76.0 inch) allowed for repair!
No cut-off allowed if Nickel alloy erosion sheath is installed!
According to SB 1 () latest issue

TBO

Replaces

Removes original Hartzell Propeller HC-F2YR-1()F/F8468A-4R

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 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!
- Fulfills the highest noise requirements for unlimited flying however only PA28-236 model

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