



mt-propeller



Type of Aircraft: Piper PA-32-()
FAA STC #: SA03446AT
EASA STC #: A.S.00748
Aircraft TCDS #: A3SO
Propeller TCDS #: P24NE

Applicable Aircraft
 Piper PA-32R-300, PA-32RT-300,
 PA-32R301 Saratoga SP, Saratoga II HP
Engine
 Lycoming IO-540-K1A5D, -K1G5D, -K1A5



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-1036-1
 Doc. No. E-1133 (EASA), E-1266 (FAA)
 Doc. No. E-1135 (EASA), E-1416 (FAA)
 Doc. No. E-1267 (FAA)
 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-9-B/198-52
 MTV-9-B
 Milled single-piece aluminum hub
 198-52
 Light-weight natural composite
 65 lbs
 77.9 in.
 73 in.
 1800 hrs / 72 month (whichever occurs first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

Hartzell HC-C2Y()-1()/F8475D-4, HC-C3YR-1()/F7663R-0, HC-I3YR-1RF/F7663DR

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

MT-Propeller Entwicklung GmbH
 Flugplatzstr. 1
 94348 Atting / Germany

Phone: +49 (0) 9429 9409 0
 Fax: +49 (0) 9429 8432
 sales@mt-propeller.com

MT-Propeller USA, Inc.
 1180 Airport Terminal Drive
 DeLand, Florida 32724

Phone: (386) 736-7762
 Fax: (386) 736-7696
 info@mt-propellerusa.com

Certification # EASA.21J.020, DE.21G.0008

www.mt-propeller.com

Certified FAA Repair Station No. Q4MR908Y