



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	MTV-9-B/198-52
One Full Composite Spinner (AFRP)	P-296-2 or P-1036-1
One Airplane Flight Manual Supplement	Doc. No. E-1133 (EASA), E-1266 (FAA)
One Installation Instruction	Doc. No. E-1135 (EASA), E-1416 (FAA)
One Instruction for Continued Airworthiness	Doc. No. E-1267 (FAA)
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-9-B/198-52
Propeller Hub	MTV-9-B
Blade	Milled single-piece aluminum hub
Blade Design	198-52
Installed Propeller & Spinner Weight	Light-weight natural composite
Maximum Diameter	65 lbs
Minimum Diameter	77.9 in.
TBO	73 in.
	1800 hrs / 72 month (whichever occurs first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

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

Advantages

- Best vibration dampening 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