



mt-propeller



Type of Aircraft: Mooney M20E,F,J
FAA STC #: SA02461NY
EASA STC #: EASA.A.S.03054
Aircraft TCDS #: 2A3
Prop TCDS #: P25NE

Applicable Aircraft
Mooney M20E, M20F, M20J

Engine
Lycoming IO-360-()



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-12-B/180-59b
P-391-() or P-285-()
Doc. No. E-1469 (EASA), E-1493 (FAA)
Doc. No. E-1470 (EASA), E-1494 (FAA)
Doc. No. E-1471 (EASA), E-1495 (FAA)
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

MTV-12-B/180-59b
MTV-12-B
Milled single-piece aluminum hub
180-59b
Scimitar, light-weight natural composite
46 lbs
71 in.
69 in.
2000 hrs / 72 month (whichever occurs first)

Blade
Blade Design
Installed Propeller & Spinner Weight
Maximum Diameter
Minimum Diameter
TBO

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

McCauley and Hartzell propellers

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Equal or better performance
- Unlimited blade life
- FOD repairable blades
- Significant inside and outside noise reductions

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

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Certified FAA Repair Station No. Q4MR908Y