



mt-propeller



Type of Aircraft: Seneca II- V
FAA STC #: SA03434AT
EASA STC #: A.S.02553
Aircraft TCDS #: A7SO
Prop FAA TCDS #: P25NE

Applicable Aircraft
PA-34-200T, PA-34-220T

Engines
Teledyne Continental
TSIO-360-E, -EB, -KB, -RB



STC Kit Contents

Two 3-Blade Full Feathering Constant Speed Propellers
Two Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual

MTV-12-D-C-F/CFL188-53 (right wing)
MTV-12-D-C-F/CF188-53 (left wing)
P-899
Doc. No. E-1333 (FAA), E-1274 (EASA)
Doc. No. E-1334 (FAA), E-1275 (EASA)
Doc. No. E-1335 (FAA), E-1277 (EASA)
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation

MTV-12-D-C-F/CFL188-53

Propeller Hub

MTV-12-D-C-F/CF188-53

MTV-12-D-C-F

Blade

Milled single-piece aluminum hub

Blade Design

CF188-53

Installed Propeller & Spinner Weight

Scimitar, light-weight natural composite

Maximum Diameter

58.3 lbs each

Minimum Diameter

74 in.

TBO

72 in.

According to SB 1 () latest issue

Replaces

3-Blade McCauley and 2-Blade 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
- Take-off distance remains unchanged.
- Enhanced Climb by approx. 5% (MTOW, ISA conditions)
- Cruise performance increased by approx. 3 to 5 kts (MTOW, ISA conditions)
- Approx. 10 lbs less weight than the original 3-blade propellers
- Unlimited blade life
- Significant inside and outside noise reductions
- Increased ground clearance for less blade tip erosion

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