



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-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, CFL188-53

Installed Propeller & Spinner Weight

Scimitar, light-weight natural composite

Maximum Diameter

58.3 lbs each

Minimum Diameter

74 in.

TBO

74 in.

2000 hrs / 72 month (whichever occurs first) or refer to SB No. 1 ().

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade McCauley and 2-Blade Hartzell Propellers

Advantages

- Best vibration dampening 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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