



# 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

### Propeller Specifications

Full Propeller Designation

Propeller Hub

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

### Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

### 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



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)

MTV-12-D-C-F/CFL188-53  
 MTV-12-D-C-F/CF188-53  
 MTV-12-D-C-F  
 Milled single-piece aluminum hub  
 CF188-53  
 Scimitar, light-weight natural composite  
 58.3 lbs each  
 74 in.  
 72 in.  
 According to SB 1 ( ) latest issue

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