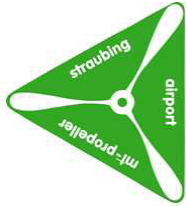


# Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor

www.Flight-Resource.com.com

1-866-717-1117



mt-propeller



Type of Aircraft:

**Beech Baron**

95-C55, D55, E55, 58, G58

Engines :

TCM IO-520-( ) & IO-550-( )

FAA STC #: SA02819NY

Aircraft TCDS: 3A16

Propeller TCDS: P3BO / P.017



## MT 4-Blade Composite Propeller STC

### STC Kit Contents:

Two 4-Blade, 188 cm Full Feathering Constant Speed Propellers

Model: MTV-14-D-C-F/CF188-30g

Two Kevlar Spinners (P-576-( ))

One Airplane Flight Manual Supplement (E-1789 & E-1791)

One Installation Instruction Doc. (E-1790)

One Operation and Installation Manual (E-124)

### Propeller Specifications:

Propeller Hub	Milled single-piece aluminum hub
Blade Design	Scimitar, light-weight natural composite
Installed Weight	65.4 lbs each
Maximum Diameter	74 in.
Minimum Diameter	72 in.
TBO	Currently 2400 hrs / 72 months

### Options

HiGlo® Kevlar Spinner with chrome finish

Electric De-Ice Boots (using existing slip ring)

Fluid De-Ice Boots (flange forward)

### Replaces

2-blade and 3-Blade McCauley and Hartzell Propellers

### Advantages

- Approx. 40 lbs less weight than the original propellers.
- Natural vibration damping characteristics for turbine-like operations.
- Stainless Steel leading edge for best erosion protection of the blades
- Unlimited blade life, - FOD repairable blades.
- Shorter take-off distance by approx. -5% (SL, ISA conditions)
- Enhanced climb by approx. 5% to 8% (SL, ISA conditions)
- Cruise performance increased by approx. 3 to 5 kts (MTOW, ISA conditions)
- Significant inside and outside noise reductions (half the sound pressure).