

# Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor

www.Flight-Resource.com.com

1-866-717-1117

Type of Aircraft:

**Cessna 414**

Engines :

**TCM TSIO-520 J, JB, N, NB**

**Including RAM Conversions**

STC #: SA01294WI

Aircraft TCDS: A7CE

Propeller TCDS: P3BO



## MT 4-Blade Propeller STC

### STC Kit Contents:

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

Two Kevlar Spinners (P-587-1)

One Airplane Flight Manual Supplement

One Installation Instruction Doc.

One Operation and Installation Manual

### Propeller Specifications:

Propeller Hub

Milled single-piece aluminum hub

Blade Design

Scimitar, light-weight natural composite

Installed Weight

72.8 lbs each

Maximum Diameter

74 in.

Minimum Diameter

72 in.

TBO

2000 hrs / 72 months

### Options

HiGlo® Kevlar Spinner with chrome finish

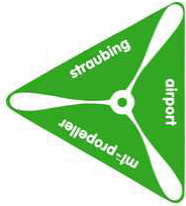
Electric De-Ice Boots (flange forward)

### Replaces

3-Blade McCauley and Hartzell Propellers

### Advantages

- Approx. 20 lbs less weight than the original propellers.
- Natural vibration damping characteristics for turbine-like operations.
- Reduced CHT in climb and cruise
- Reduced fuel burn
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Unlimited blade life, - FOD repairable blades.
- Shorter take-off distance by approx. -3% (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).
- MT-Propeller modification also includes Cessna 414s modified with RAM III & IV (STC SA4379SW))



mt-propeller

