



mt-propeller



Type of Aircraft: Beech Baron
FAA STC: ST02819NY
EASA STC: 10026785
FAA Aircraft TCDS: 3A16
FAA / EASA
Propeller TCDS: P3BO / P.017

Applicable Aircrafts
Hawker Beechcraft Model
95-C55, E55, D55, 58, G58

Engines

TCM IO-520-() and IO-550-()

STC Kit Contents

Two 4-Blade Full Feathering Constant
Speed Propeller
Two Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual



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

P-576-()

Doc. No. E-1789

Doc. No. E-1790

Doc. No. E-1791 Rev.1

ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Propeller De-Ice
Installed Propeller & Spinner Weight
Maximum Diameter
Minimum Diameter
TBO

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

MTV-14-D-C-F

Milled single-piece aluminum hub

CF188-30g

Scimitar, light-weight natural composite

Optional - Hot Prop De-ice System

144.2 lbs (2 propellers without de-ice)

74 in.

72 in.

Currently 2400 hrs / 72 month (whichever occurs first)

Replaces

2-Blade and 3-Blade Hartzell and McCauley propellers

Advantages (Performance data are based on MTOW, ISA)

- 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 over 50 ft obstacle reduced by 5%.
- Two engine and single engine climb performance improved by 5%
- Cruise performance is slightly improved by up to 4 kts depending on altitude and power
- Approx. 20 lbs less weight than the original metal propellers
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Original propeller de-ice slip ring can be retained

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www.mt-propeller.com

Certified FAA Repair Station No. Q4MR908Y