



mt-propeller



Type of Aircraft: Aerostar PA-60
FAA STC #: SA04452NY
EASA STC #: 10062000
Aircraft TCDS #: A17WE
Propeller TCDS #: P3BO

Applicable Aircraft

PA-60-600, -601, -601P, -602P: modified according to FAA STC SA1658NM

PA-60-700P

Engines

Lycoming

IO-540-A- and IO-540-S-series. modified according to FAA STC SE1657NM

(L)TIO-540-U-series,



STC Kit Contents

Two Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Operation and Installation Manual

MTV-14-B-C-F/CF(L)188-30g

P-587-A
Doc. No. E-2995
Doc. No. E-2996
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Installed Propeller with Spinner and Deice
Maximum Diameter
Minimum Diameter
TBO

MTV-14-B-C-F/CF(L)188-30g
MTV-14-B-C-F
Milled single-piece aluminum hub
CF188-30g, CFL188-30g
Scimitar Light-weight natural composite
65,2 kg (143.7 lbs) in total
188 cm (74 inch)
183 cm (72 inch)
According to SB 1 () latest issue

Replaces

3-Blade Hartzell HC-C3YR-2/C8468-8R, HC-CYR-2UF/FC8468-8R
3-Blade Hartzell HC-C3YR-2UF/FC8468DB-14, HC-C3YR-2UF/FC8468DB-14(MM)
3-Blade Hartzell HC-C3YR-2(L)UF/F(J)C7451(B)

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Shorter take-off distance
- Enhanced climb by approx. 3% to 5% (SL, ISA conditions)
- Cruise performance increased by approx. 3 to 5 kts (MTOW, ISA conditions)
- Approx. 40 lbs less weight than the original propellers
- Unlimited blade life
- No airframe resonance with low engine rpm
- Significant inside and outside noise reductions

MT-Propeller Entwicklung GmbH
Flugplatzstr. 1
94348 Atting / Germany

Phone: +49 (0) 9429 9409 0
Fax: +49 (0) 9429 8432
sales@mt-propeller.com

MT-Propeller USA, Inc.
1180 Airport Terminal Drive
DeLand, Florida 32724

Phone: (386) 736-7762
Fax: (386) 736-7696
info@mt-propellerusa.com