



mt-propeller



Type of Aircraft: PA-60-700P
FAA STC #: SA02024NY
EASA/LBA STC #: SA1369
Aircraft TCDS #: A17WE
Propeller TCDS #: P3BO

Applicable Aircraft

PA-60-700P

Engines

Lycoming

(L)TIO-540-U2A



STC Kit Contents

Two 4-Blade Full Feathering Constant Speed Propellers	MTV-14-B-C-F/CF(L)188-30d
Two Full Composite Spinner (AFRP)	P-587
One Airplane Flight Manual Supplement	Doc. No. E-1041
One Installation Instruction	Doc. No. E-1042
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-14-B-C-F/CF(L)188-30d
Propeller Hub	MTV-14-B-C-F
Blade	Milled single-piece aluminum hub
Blade Design	CF188-30d, CFL188-30d
Installed Propeller & Spinner Weight	Light-weight natural composite
Maximum Diameter	73.4 lbs each
Minimum Diameter	74 in.
TBO	72 in.
	1800 hrs / 72 month (whichever occurs first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade Hartzell HC-C3YR-2(L)UF/F(J)C7451(B)

Advantages

- Best vibration dampening characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Shorter take-off distance remains unchanged
- 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

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