



mt-propeller



Type of Aircraft: PA-31P
FAA STC: SA02959NY
EASA STC: 10032680
FAA Aircraft TCDS: A8EA
FAA / EASA
Propeller TCDS: P27BO / P.001

Applicable Aircrafts:

Piper Model: PA-31P
 Engines: Lycoming TGIO-541-E series



STC Kit Contents

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

MTV-16-1-E-C-F/CFL225-37a

P-1146-()
 Doc. No. E-1952-1, E-1952-2
 Doc. No. E-1953
 Doc. No. E-1954
 ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
 Propeller Hub

MTV-16-1-E-C-F/CFL225-37a
 MTV-16-1-E-C-F
 Milled single-piece aluminum hub
 CFL225-37a
 Scimitar, light-weight natural composite
 Electro-thermal de-ice boots
 204 lbs (2 propellers with de-ice)
 88.6 in.
 86.6 in.
 According to SB 1 () latest issue

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

Replaces

3-Blade Hartzell HC-C3YN-2L()U()/()JC9684-3R 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
- Performance improvement
- Approx. 25 lbs less weight than the original metal propellers
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Significant cabin noise and vibration reduction

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