



mt-propeller



Type of Aircraft: PAC 750XL
FAA STC: SA03695AT
EASA STC: EASA.A.S.03481
Aircraft TCDS: A50CE
Propeller TCDS: P27BO

Applicable Aircraft
 Pacific Aerospace Corp. Ltd.
 PAC 750XL
Engine
 PT6A-34

STC Kit Contents

One 4-Blade Reversing and Full Feathering
 Constant Speed Propeller
 One Full Composite Spinner (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-R(P)/CFR250-55a

P-1080-()

Doc. No. E-1641 (EASA), E-1715 (FAA)

Doc. No. E-1642 (EASA), E-1716 (FAA)

Doc. No. E-1643 (EASA), E-1717 (FAA)

ATA 61-01-24 (E-610)

Propeller Specifications

Full Propeller Designation
 Propeller Hub

MTV-16-1-E-C-F-R(P)/CFR250-55a

MTV-16-1-E-C-F-R(P)

Milled single-piece aluminum hub

CFR250-55a

Scimitar, light-weight natural composite

Blade

Blade Design

Installed Propeller & Spinner Weight

Maximum Diameter

Minimum Diameter

TBO

117 lbs

98.4 in.

97.6 in.

According to SB 1 () latest issue

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade Hartzell propeller

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for best erosion protection of the blades
- Ground roll distance and take-off distance reduced by 40 m+ (130ft+), (MTOW, SL, ISA)
- STOL Performance
- Climb and Cruise performance unchanged
- Approx. 26 lbs less weight than the original propellers
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Significant inside and outside noise reductions
- Aircraft noise level is 6 dB(A) less than with the Hartzell propeller
- Cabin noise is reduced by 4 to 5 dB(A)



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