



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)

Blade
Blade Design
Installed Propeller & Spinner Weight
Maximum Diameter
Minimum Diameter
TBO

Milled single-piece aluminum hub
CFR250-55a
Scimitar, light-weight natural composite
117 lbs
98.4 in.
97.6 in.
According to SB 1 () latest issue

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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