



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

Propeller Specifications

Full Propeller Designation
 Propeller Hub

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



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)

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
 117 lbs
 98.4 in.
 97.6 in.

Currently 1500 hrs / 72 month (whichever
 occurs first) Target TBO is 3000 hrs

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

Replaces

3-Blade Hartzell propeller

Advantages

- Best vibration dampening characteristics for almost vibration free propeller operations
- Bonded on stainless steel 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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