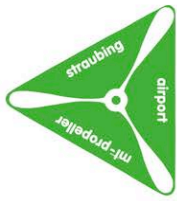
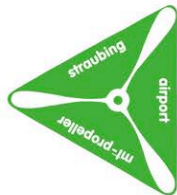


QFJ - Quiet Fan Jet Propeller Series - PC-12

Flyer No.: FL-043F



mt-propeller



Type of Aircraft: PC-12 Series
FAA STC: SA02742NY
EASA STC: A.S.03217
EASA Aircraft TCDS: A.089
EASA Prop TCDS: P.104
FAA Aircraft TCDS: A78EU
FAA Prop TCDS: P22BO

Applicable Aircrafts
PC-12, PC-12/45, PC-12/47, PC-12/47E
Engines
P&WC PT6A-67B, P&WC PT6A-67P



STC Kit Contents

One 5-Blade Reversing and Full Feathering Constant Speed Propeller	MTV-27-1-N-C-F-R(P)/CFR260-65a
One Full Composite Spinner or Polished Aluminum Spinner	P-1059- ()
One Master Document List	Doc. No. E-1631 (EASA), None (FAA)
One Airplane Flight Manual Supplement	Doc. No. E-1623 (EASA), E-1823 (FAA)
One Installation Instruction	Doc. No. E-1624 (EASA), E-1824 (FAA)
One Instruction For Continued Airworthiness	Doc. No. E-1625 (EASA), E-1825 (FAA)
One Operation and Installation Manual	ATA 61-00-83 (E-1083)

Propeller Specifications

Full Propeller Designation	MTV-27-1-N-C-F-R(P)/CFR260-65a
Propeller Hub (Milled single-piece aluminum)	MTV-27-1-N-C-F-R(P)
Blade	CFR260-65a
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Spinner Weight	172.6 lbs
Maximum Diameter	102.4 in.
Minimum Diameter	101.2 in.
TBO	According to SB 1 () latest issue

Replaces

4-Blade Hartzell HC-E4A-3D/E10477K aluminum propeller (Diameter: 105.1 in.)

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy for best erosion protection of the blades
- No engine modifications
- Ground roll distance reduced by approx. 15%
- Climb performance improved
- Cruise performance improved by up to 5 kts versus the PC-12 POH/AFM
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Aircraft noise level is about 4 dB(A) less than with the original metal propeller
- Cabin noise is reduced by 6 to 7 dB(A) depending on location

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