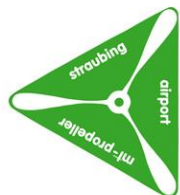


Q F J - Propeller for the King Air - Quiet Fan Jet Propeller Series -

Flyer No.: FL-069
November 11, 2023



mt-propeller



Type of Aircraft: King Air
FAA STC: SA03507NY
EASA STC: 10046759 R1

FAA Aircraft TCDS: 3A20
EASA Aircraft TCDS: A.503
FAA / EASA Prop TCDS: P22BO / P.104



Applicable Aircrafts

Hawker Beechcraft Corporation:
B90, E90, C90, C90A, C90GT, C90GTi, F90;

Engines

All TC and STC approved P&WC PT6A turbines including the PT6A-135A Blackhawk modification.

STC Kit Contents

Two 5-Blade Full Feathering Constant Speed Reversible Propellers	MTV-27-1-E-C-F-R(P)/CFR210-58d
Two Full Composite Spinners (AFRP) or Polished Aluminum Spinners	P-1283
One Airplane Flight Manual Supplement	Doc. No. E-2275
One Installation Instruction	Doc. No. E-2276
One Instruction For Continued Airworthiness	Doc. No. E-2277
One Operation and Installation Manual	ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation	MTV-27-1-E-C-F-R(P)/CFR210-58d
Propeller Hub	MTV-27-1-E-C-F-R(P)
Blade	Milled single-piece aluminum hub
Blade Design	CFR210-58d
Propeller De-Ice	Scimitar, light-weight natural composite
Weight of one installed propeller	Electro-thermal de-ice boots
Maximum Diameter	137.1 lbs (propeller with de-ice)
Minimum Diameter	82.7 inch
TBO	82.7 inch
	According to SB 1 () latest issue

Replaces:

3-Blade and 4-blade Hartzell and McCauley propellers

Advantages: (Performance data are based on MTOW, ISA)

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for superior erosion protection of the blades
- General performance improvement (5% take-off & climb, 2-3 kts cruise with 1900 rpm)
- No propeller speed restrictions on ground while operating in low idle
- Unlimited blade life and FOD repairable blades
- More ground clearance => less FODs
- Lower ITTs during start-up for less engine wear.
- Unbeatable esthetic ramp appeal
- Significant cabin noise and vibration reduction
- All models comply with the strict German noise regulations 2010– „Landeplatz Lärmschutz Verordnung“ for unrestricted airport operations in Germany and other European Countries.

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