

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



mt-propeller



Type of Aircraft: King Air 350
FAA STC: SA03525NY
EASA STC: 10050861 R5
FAA Aircraft TCDS: A24CE
EASA Aircraft TCDS: EASA.IM.A.277
FAA / EASA Prop TCDS: P22BO / P.104



Applicable Aircrafts

Hawker Beechcraft Corporation:
Beech 300, 300LW, B300, B300C

Engine:

PT6A-60A: MTOW up to 17,500 lb (7,938 kg)
PT6A-67A: MTOW up to 17,637 lb (8,000 kg)

STC Kit Contents

Two 5-Blade Full Feathering Constant Speed Reversible Propellers	MTV-27-1-(E,N)-C-F-R(P)/CFR260-65b
Two Full Composite Spinners (AFRP) or Polished Aluminum Spinners	P-1283-1
One Airplane Flight Manual Supplement	Doc. No. E-2471
One Installation Instruction	Doc. No. E-2472
One Instruction For Continued Airworthiness	Doc. No. E-2473
One Operation and Installation Manual	ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation	MTV-27-1-(E,-N)-C-F-R(P)/CFR260-65b
Propeller Hub	MTV-27-1-(E,-N)-C-F-R(P)
Blade	Milled single-piece aluminum hub
Blade Design	CFR260-65b
Propeller De-Ice	Scimitar, light-weight natural composite
Weight of one installed propeller	Electro-thermal de-ice boots
Diameter	75,8 kg (167.1 lb) propeller with de-ice
TBO	260 cm (102.4 inch)
	According to SB 1 () latest issue

Replaces

4-Blade Hartzell 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 (8% take-off & climb, 4-5 kts cruise)
- 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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