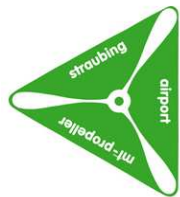


Q F J - Propeller for the KingAir 200 / 250

- Quiet Fan Jet Propeller Series -



mt-propeller



Type of Aircraft: HBC 200 / 250 series

FAA STC: SA03209NY

EASA STC: 10036196

FAA / EASA

Aircraft TCDS: A24CE /
EASA.IM.A277

FAA / EASA

Propeller TCDS: P22BO / P.104

Applicable Aircrafts

Hawker Beechcraft Models:

200, 200C, 200CT, 200T, A200 (12A), A200 (C-12C), A200CT (C-12D), A200CT (C-12F), A200CT (RC-12D), A200CT (FWC-12D), A200CT (C-12G), A200CT (RC-12H), B200, B200C, B200CGT, B200CT, B200GT, B200T

Engines

P&WC PT6A-41, -42, -52, -61



STC Kit Contents

Two 5-Blade Full Feathering Constant Speed Reversible Propellers
Two Full Composite Spinners (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual

MTV-27-1-E-C-F-R(P)/CFR225-55f

P-1228-()

Doc. No. E-2041

Doc. No. E-2042

Doc. No. E-2043

ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade

Blade Design

Propeller De-Ice

Weight of one installed propeller

Maximum Diameter

Minimum Diameter

TBO

MTV-27-1-E-C-F-R(P)/CFR225-55f

MTV-27-1-E-C-F-R(P)

Milled single-piece aluminum hub

CFR225-55f

Scimitar, light-weight natural composite

Electro-thermal de-ice boots

144.4 lbs (propeller with de-ice)

88.6 in.

86.6 in.

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, 3 kts cruise with 1800 rpm)
- Approx. 25 lbs less weight than the original 4-blade propellers with aluminum blades
- No propeller speed restrictions on ground while operating in low idle
- Unlimited blade life and FOD repairable blades
- More ground clearance => less FODs
- 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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February 06, 2017