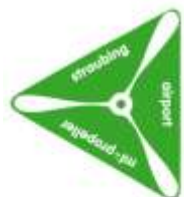


Q F J - Propeller for the Kodiak

- Quiet Fan Jet Propeller Series -

Flyer No.: FL-107-2
February 23, 2021



mt-propeller



Type of Aircraft: Kodiak
FAA STC: i.p.
EASA STC: 10069627
FAA Aircraft TCDS: A00007SE
EASA Aircraft TCDS: EASA.IM.A.632
EASA / FAA Propeller TCDS: P.104 / P22BO
TCCA Acceptance:

Applicable Aircrafts

Quest Aircraft Design LLC
Type: Kodiak 100 Series /
Model: **Kodiak 100 with Aerocet 6650 floats**

This STC is compatible with the
EASA STC # 10061979 from Aerocet, Inc.

Engine

Pratt & Whitney PT6A-34 Engine

STC Kit Contents

One 5-Blade Full Feathering Constant Speed Counterweighted Reversible Propeller	MTV-27-1-E-C-F-R(P)/CFR240-55()
One Full Composite Spinner (AFRP) or Polished Aluminum Spinner	P-1283-6
One Airplane Flight Manual Supplement	Doc. No. E-3115
One Installation Instruction	Doc. No. E-3116
One Instruction For Continued Airworthiness	Doc. No. E-3117
One Operation and Installation Manual	ATA 61-06-10 (E-610)

Propeller Specifications

Full Propeller Designation	MTV-27-1-E-C-F-R(P)/CFR240-55()
Propeller Hub	MTV-27-1-E-C-F-R(P)
Blade	Milled single-piece aluminum hub
Blade Design	CFR240-55()
Propeller De-Ice	Scimitar, light-weight natural composite
Weight of one installed propeller with Spinner:	TKS Ice Protection System
Diameter	69,9 kg (154,1 lbs) propeller with de-ice
TBO	240 cm (94,5 inch)
	According to SB 1 () latest issue

Replaces

Removes the original Hartzell propellers and the appropriate spinners

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!
- Take-Off improvement by 20%!
- 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 [up to 5 dB(A)] and vibration reduction!
- Comply with the strict German noise regulations 2010 - „Landeplatz Lärmschutz Verordnung“ for unrestricted airport operations in Germany and other European Countries!
- Max. RPM reduction to 2000 RPM with increased torque for 750 shp!

MT-Propeller Entwicklung GmbH
Flugplatzstr. 1
94348 Atting / Germany

Phone: +49 (0) 9429 9409 0
Fax: +49 (0) 9429 8432
sales@mt-propeller.com

MT-Propeller USA, Inc.
1180 Airport Terminal Drive
DeLand, Florida 32724

Phone: (386) 736-7762
Fax: (386) 736-7696
info@mt-propellerusa.com

