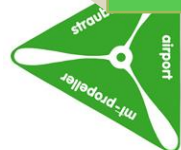


Q F J - Propeller for the PC-12 series

- Quiet Fan Jet Propeller Series -

Flyer No.: FL-043-1
June 02, 2026



mt-propeller



Type of Aircraft:
FAA STC:

PC-12 Series
SA02742NY
Amended June 2, 2026

EASA STC

10014953 R3

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&W PT6A-67B, P&W PT6A-67P

Note: PT6A-67P Engine Installation

according to

EASA STC 10065179

(FAA STC SA02266LA)

only applicable in EASA region



STC Kit Contents

One 5-Blade Reversing and Full Feathering
Constant Speed Propeller
One Full Composite Spinner or
Polished Aluminum Spinner
One Master Operation Manual List
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual

MTV-27-1-N-C-F-R(P)/CFR260-65a

P-1059

Doc. No. E-3536

Doc. No. E-1823

Doc. No. E-1824

Doc. No. E-1825

ATA 61-00-83 (E-1083)

Propeller Specifications

Full Propeller Designation

Propeller Hub

Blade

Blade Design

Installed Propeller & Spinner Weight

Maximum Diameter

Minimum Diameter

TBO

MTV-27-1-N-C-F-R(P)/CFR260-65a

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

Milled single-piece aluminum hub

CFR260-65a

Scimitar, light-weight natural composite

78 kg (172.6 lbs)

260 cm (102.4 inch).

258 cm, (101,2 inch)

According to SB 1 () latest issue

Replaces

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

Advantages

(Performance data are based on MTOW, ISA)

- 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%
- Take-off distance over 50 ft obstacle reduced by approx. 5%
- Climb performance improved
- Cruise performance improved by up to 5 kts versus the PC-12 POH/AFM
- Approx. 4 lbs less weight than the original metal propeller
- Unlimited blade life
- More ground clearance for less FODs
- FOD repairable blades
- Significant inside and outside noise reductions
- 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

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