



mt-propeller



Type of Aircraft: BN-2-()
EASA/LBA STC #: SA1080
Issue 17
Aircraft TCDS #: UK BA8
Propeller TCDS #: EASA P.017

Applicable Aircrafts
BN-2, BN-2A, BN-2A-6,-8, -9, -26, -27,
BN-2B-20, BN-2B-26, BN-2B-27
Applicable Engines
Lycoming O-540-E4C5



STC Kit Contents

Two 4-Blade Full Feathering Constant
Speed Propellers
Two Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement

One Installation Instruction
One Operation and Installation Manual

MTV-14-B-C-F/CF190-17

P-513-2-()
Doc. No. E-859-1 or E-859-2 or E-583-2 or
E-583 or E-666 or E-686
Doc. No. E-582-2 or E-582-3 or E-667
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade
Blade Design
Installed Propeller & Spinner Weight &
De-ice System
Maximum Diameter
Minimum Diameter
TBO

MTV-14-B-C-F/CF190-17
MTV-14-B-C-F
Milled single-piece aluminum hub
CF190-17
Light-weight natural composite
144.2 lbs total

74.8 in.
73.6 in.
According to SB 1 () latest issue

Replaces

3-Blade Hartzell HC-C3YK-2UF/FC8468-8R
2-Blade Hartzell HC-C2YK-2UF/FC8477A-6 or /FC8477A-4

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- General slightly enhanced performance
- Approx. 55 lbs less weight than the original 3-blade Hartzell propellers
- Approx. same weight compared to the original 2-blade Hartzell propellers
- Unlimited blade life and no life limited parts
- FOD repairable blades
- Significant inside and outside noise reductions

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