



mt-propeller



Type of Aircraft: BN-2-()
EASA STC #: 10063741
Aircraft TCDS #: EASA.A.388
Propeller TCDS #: EASA P.017

Applicable Aircrafts

BN2, BN2A, BN2A-2, BN2A-6,-8, -9,-20, -21,
-26, -27, BN2B-20, BN2B-21, BN2B-26,
BN2B-27

Applicable Engines

Lycoming ()-540-series



STC Kit Contents

Two 4-Blade Full Feathering Constant Speed Propellers	MTV-14-B-C-F/CF190-17
Two Full Composite Spinner (AFRP)	P-587-A
One Airplane Flight Manual Supplement	Doc. E-3010
One Installation Instruction	Doc. E-3011
One Instruction for Continued Airworthiness	Doc. E-3012
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-14-B-C-F/CF190-17
Propeller Hub	MTV-14-B-C-F
	Milled single-piece aluminum hub
Blade	CF190-17
Blade Design	Light-weight natural composite
Installed Propeller & Spinner Weight & Deice System	67,0 kg (147.7 lbs) total
Maximum Diameter	190 cm (74.8 inch)
Minimum Diameter	185 cm (72.8 inch)
TBO	According to SB 1 () latest issue

Replaces

3-Blade Hartzell HC-C3YR-2UF/FC8468-8R or /FC7693F
2-Blade Hartzell HC-C2YK-2UF/FC8477A-6 or /FC8477A-4

Advantages

- General slightly enhanced performance!
- Approx. 44 lbs less weight than the original 3-blade propellers!
- Approx. same weight compared to the original 2-blade propellers!
- No life limit parts!
- Reduced inside and outside noise for more flying comfort!
- Reduced vibration for less fatigue!
- Cowling modification can be done according to MTP work instruction!
- Best vibration damping characteristics for almost vibration free propeller operations!
- Bonded on stainless steel leading edge for best erosion protection of the blades!
- FOD repairable blades!
- Unlimited blade life!

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