



mt-propeller



Type of Aircraft:
Beech Duchess 76

EASA STC #: 10048838
FAA STC #: SA03479NY
Aircraft TCDS #
FAA: A29CE
Propeller TCDS #
EASA: P.013
FAA: P25NE

Applicable Aircraft:
Beech Duchess 76

Engine:
Lycoming (L)IO-360-()
and other TC/STC approved piston engines
which do not exceed the propeller TCDS.

STC Kit Contents

Two 3-Blade Full Feathering, Counter-Weighted, Hydraulically Actuated Constant Speed Propellers	MTV-12-B-C-F/CF(L)183-59b
Two Full Composite Spinner (AFRP)	P-285-20
One Airplane Flight Manual Supplement	Doc. No. E-2325
One Installation Instruction	Doc. No. E-2326
One Instruction for Continued Airworthiness	Doc. No. E-2327
One Operation and Installation Manual	ATA 61-06-24 (E-124)

Propeller Specification

Full Propeller Designation	MTV-12-B-C-F/CF(L)183-59b
Propeller Hub	MTV-12-B-C-F
	Milled single-piece aluminum hub
Blade	CF(L)183-59b
Blade Design	Light-weight natural composite
One Propeller, Spinner Weight & Fluid De-Ice	25,9 kg (57,1 lbs)
Diameter	183 cm (72.0 inch)
TBO	According to SB 1 () latest issue

Replaces

2-Blade Hartzell Propeller

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations!
- Bonded on stainless steel leading edge for best erosion protection of the blades!
- 10 kg (22 lbs) weight reduction per propeller compared with the original propellers!
- Enhanced cruise performance by 2 to 3 kts (MTOW, ISA)!
- Unlimited blade life; FOD repairable blades!
- Significant inside and outside noise reductions!
- Improved take-off and climb performance!

