



mt-propeller



Type of Aircraft: Lake 250
FAA STC #: SA03251AT
EASA STC #: A.S.01126
Aircraft TCDS #: 1A13
Propeller TCDS #: P24NE

Applicable Aircraft

Lake Model 250

Engines

Lycoming

IO-540-C4B5

TIO-540-AA1AD



STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-9-B/LD193-109
One Full Composite Spinner (AFRP)	P-838-1-A
One Airplane Flight Manual Supplement	Doc. No. E-1260
One Installation Instruction	Doc. No. E-1262
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-9-B/LD193-109
Propeller Hub	MTV-9-B
	Milled single-piece aluminum hub
	LD193-109
Blade	Light-weight natural composite
Blade Design	70.5 lbs
Installed Propeller & Spinner Weight	76 in.
Maximum Diameter	76 in.
Minimum Diameter	According to SB 1 () latest issue
TBO	

Replaces

3-Blade Hartzell HC-E3YR-1RLF/F7663-2Q

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Shorter take-off distance by approx. -5% (SL, ISA conditions)
- Climb and cruise performance remain unchanged
- Approx. 10 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions

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