



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 Reversing Constant Speed Propeller	MTV-9-B-C-R(M)/CRLD193-109
One Full Composite Spinner (AFRP)	P-838-1A
One Propeller Governor	P-480 Series or P-980 Series
Additional accessories for reverse	P-718-1 Reverse Kit
One Airplane Flight Manual Supplement	AFMS Doc. No. E-1259
One Installation Instruction	Installation Instruction Doc. No. E-1261
One Operation and Installation Manual	ATA 61-05-04 (E-504)

Propeller Specifications

Full Propeller Designation	MTV-9-B-C-R(M)/CRLD193-109
Propeller Hub	MTV-9-B-C-R(M)
	Milled single-piece aluminum hub
Blade	CRLD193-109
Blade Design	Light-weight natural composite
Installed Propeller & Spinner Weight	74.9 lbs
Maximum Diameter	76 in.
Minimum Diameter	76 in.
TBO	1800 hrs / 72 month (whichever occurs first)

Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

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. 5 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions
- Reverse propeller function for perfect maneuver capabilities on ground and water

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Certified FAA Repair Station No. Q4MR908Y

Flyer No.: FL-014