



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  
One Full Composite Spinner (AFRP)  
One Propeller Governor  
Additional accessories for reverse  
One Airplane Flight Manual Supplement  
One Installation Instruction  
One Operation and Installation Manual

MTV-9-B-C-R(M)/CRLD193-109  
P-838-1A  
P-480 Series or P-980 Series  
P-718-1 Reverse Kit  
AFMS Doc. No. E-1259  
Installation Instruction Doc. No. E-1261  
ATA 61-05-04 (E-504)

### Propeller Specifications

Full Propeller Designation  
Propeller Hub

Blade  
Blade Design  
Installed Propeller & Spinner Weight  
Maximum Diameter  
Minimum Diameter  
TBO

MTV-9-B-C-R(M)/CRLD193-109  
MTV-9-B-C-R(M)  
Milled single-piece aluminum hub  
CRLD193-109  
Light-weight natural composite  
74.9 lbs  
76 in.  
76 in.  
According to SB 1 ( ) latest issue

### 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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