



mt-propeller



Type of Aircraft: Pitts S-2B
FAA STC #: SA00458DE
EASA#: A.S.01336
Aircraft TCDS #: A8SO
Propeller TCDS #: P24NE

Applicable Aircraft

Pitts S-2B

Engines

Lycoming AEIO-540-D4A5



STC Kit Contents

One 3-Blade Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Operation and Installation Manual

MTV-9-B-C/C203-46
P-208-C
Doc. No. E-662-E
Doc. No. E-661-E
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

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

MTV-9-B-C/C203-46
MTV-9-B-C
Milled single-piece aluminum hub
C203-46
Light-weight natural composite
64 lbs
80 in.
78 in.
According to SB 1 () latest issue

Replaces

Hartzell propellers according aircraft TCDS

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)
- Enhanced Climb by approx. 5% (SL, ISA conditions)
- Cruise performance increased by approx. 3 to 5 MPH (MTOW, ISA conditions)
- Approx. 5 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions
- Crankshaft bending is reduced to approx. 1/3
- No crankshaft failures ever reported with MT-Propellers

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