



mt-propeller



Type of Aircraft: Piper
PA-46-350P
PA-46R-350T

FAA STC #: SA03637NY
EASA STC 10034435
Aircraft TCDS #: EASA.IM.A.077
Propeller TCDS:
FAA P3BO
EASA EASA P.017



Applicable Aircraft
 Piper PA-46-350P, PA-46R-350T

Engine
 Lycoming TIO-540-AE2

STC Kit Contents

One 4-Blade Constant Speed Propeller
 One Full Composite Spinner (AFRP)
 One Airplane Flight Manual Supplement

One Installation Instruction
 One Operation and Installation Manual

MTV-14-B/195-30b
 P-449-A
 E-2029 (with max. Engine Speed 2500 rpm)
 E-2029-1 (with max. Engine Speed 2400 rpm)
 E-2031
 ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
 Propeller Hub

Blade
 Blade Design
 Installed Propeller & Spinner Weight & De-Ice:
 Installed Propeller & Spinner Weight w/o De-Ice:
 Maximum Diameter
 Minimum Diameter
 TBO

MTV-14-B/195-30b
 MTV-14-B
 Milled single-piece aluminum hub
 195-30b
 Light-weight natural composite
 61.5 lbs (27,9 kg)
 59.9 lbs (27.2 kg)
 76.8 inch (195 cm)
 74.8 inch (190 cm)
 According to SB 1 () latest issue

Options

HiGlo® Full Composite Spinner (AFRP)

Replaces

MTV-14-B/195-30a
 2- or 3-blade Hartzell

Advantages

- ✓ Best vibration damping characteristics for almost vibration free propeller operations
- ✓ Bonded on nickel alloy for best erosion protection of the blades
- ✓ Shorter take-off distance by approx. -5 % (SL, ISA conditions)
- ✓ Enhanced climb and cruise performance by approx. 5 to 10% (SL, ISA conditions)
- ✓ Enhanced cruise performance by 5 to 8 kts (MTOW, ISA conditions)
- ✓ Unlimited blade life
- ✓ Significant inside and outside noise reductions
- ✓ With "max. Engine Speed 2400 rpm" the airplane complies with "Erhöhter Schallschutz"
- ✓ for Germany
- ✓ Unbeatable esthetic ramp appeal!

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