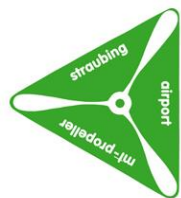


mt-propeller



Type of Aircraft:

FAA STC :

EASA STC

ANAC Brazil STC:

Aircraft TCDS #:

Propeller TCDS:

FAA

EASA

Piper

PA-46-350P

PA-46R-350T

SA03637NY

10034435

2019S10-04

EASA.IM.A.077

P3BO

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

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

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)

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

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!
- ✓ Cooler CHTs by up to 60°F!



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