



Type of Aircraft: Piper PA-46-310P
FAA STC #: SA03775NY
EASA STC 10034434
Aircraft TCDS #: EASA.IM.A.077
Propeller TCDS:
FAA P3BO
EASA EASA P.017



Applicable Aircraft:
 Piper PA-46-310P

Engine
 Teledyne Continental Motor :
 TSIO-520-BE, TSIO-550-C

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

MTV-14-D/195-30b
 P-477-B
 E-1968 (with max. Engine Speed 2600 rpm)
 E-1968-1 (with max. Engine Speed 2500 rpm)
 E-1969
 ATA 61-01-24 (E-124)

MTV-14-D/195-30b
 MTV-14-D
 Milled single-piece aluminum hub
 195-30b
 Light-weight natural composite
 61.0 lbs (27,7 kg)
 59.3 lbs (26,9 kg)
 76.8 in (195 cm)
 74.8 in (190 cm)
 According to SB 1 () latest issue

Options

HiGlo® Full Composite Spinner (AFRP)

Replaces

MTV-14-D/195-30a
 2- or 3-Blade Hartzell Propeller

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 2500 rpm" the airplane complies with "Erhöhter Schallschutz" for Germany.
- ✓ Unbeatable esthetic ramp appeal!

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