



mt-propeller



Type of Aircraft:
Piper PA-30, PA-39 (Twin Comanche)

EASA STC #: 10047589
FAA STC #: SA03563NY
Aircraft TCDS #
FAA: A1EA
Propeller TCDS #
EASA: P.013
FAA: P25NE

Applicable Aircraft:

Piper PA-30 & PA-39
 (Twin Comanche)

Engine:

Lycoming (L)IO-320-()
 and other TC/STC approved piston engines

STC Kit Contents

Two 3-Blade Full Feathering, Counter-Weighted,
 Hydraulically Actuated Constant Speed Propellers
 Two Full Composite Spinner (AFRP)

One Airplane Flight Manual Supplement
 One Installation Instruction
 One Instruction for Continued Airworthiness
 One Operation and Installation Manual

Propeller Specification

Full Propeller Designation
 Propeller Hub

Blade
 Blade Design
 One Propeller, Spinner Weight & Fluid De-Ice
 Maximum Diameter
 Minimum Diameter
 TBO

MTV-12-C-C-F/CF(L)180-57

P-507-4

Doc. No. E-2349

Doc. No. E-2350

Doc. No. E-2351

ATA 61-06-24 (E-124)

MTV-12-C-C-F/CF(L)180-57

MTV-12-C-C-F

Milled single-piece aluminum hub

CF(L)180-57

Light-weight natural composite

25,9 kg (57,1 lbs)

180 cm (70.9)

175 cm (68,9)

According to SB 1 () latest issue

Options

HiGlo® Full Composite Spinner (AFRP)

Replaces

2-Blade Hartzell Propeller

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Enhanced take-off performance by approx. 15 % (MTOW, SL, ISA conditions)
- Enhanced single engine climb performance by approx. 10 % (MTOW, SL, ISA conditions)
- Enhanced cruise performance by 2 to 3 kts (MTOW, ISA)
- Unlimited blade life; FOD repairable blades
- Significant inside and outside noise reductions

