



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)(I)O-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

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)

Option:

Installation of Goodrich Electric Propeller De-Ice Boots according to SA04587CH from
TALCO Aviation Corporation, Aurora, IL / USA.

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

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

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

