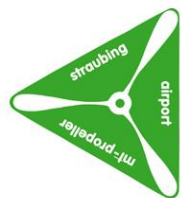


mt-propeller



Type of Aircraft: Cirrus SR20
FAA STC: i.p.
EASA STC: 10088128
Aircraft TCDS: EASA.IM.A.007
EASA TCDS: EASA.P.096
Propeller TCDS: P27BO

Applicable Aircraft:

Cirrus Design Corporation
Type: Cirrus SR-20, SR-22
Model: SR20

Engine

Lycoming IO-390-C3B6

STC Kit Contents

One 3-Blade
Full Feathering Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction for Continued Airworthiness
One Operation and Installation Manual

MTV-9-B/188-50()

P-1832

Doc. No. E-4464

Doc. No. E-4465

Doc. No. E-4466

ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

MTV-9-B/188-50()

MTV-9-B

Milled single-piece aluminum hub
188-50()

Scimitar, light-weight natural composite

27,8 kg (61.3 lbs)

188 cm (74.0 inch).

183 cm (72.0 inch)

According to SB 1 () latest issue

Blade

Blade Design

Installed Propeller & Spinner Weight

Maximum Diameter

Minimum Diameter

TBO

Replaces

The modification removes the existing constant speed propeller, governor and spinner.

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on nickel alloy leading edge for best erosion protection of the blades
- Enhanced take-off distance by approx. -5% (MTOW, SL, ISA)
- Enhanced climb by approx. 5 % (MTOW, ISA)
- Approx. 18 lbs less weight than the original propellers
- Unlimited blade life
- FOD repairable blades
- Significant inside and outside noise reductions
- Inside noise is reduced by 3 to 4 dB(A)



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