



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	MTV-9-B/188-50()
Full Feathering Constant Speed Propeller	P-1832
One Full Composite Spinner (AFRP)	Doc. No. E-4464
One Airplane Flight Manual Supplement	Doc. No. E-4465
One Installation Instruction	Doc. No. E-4466
One Instruction for Continued Airworthiness	ATA 61-01-24 (E-124)
One Operation and Installation Manual	

Propeller Specifications

Full Propeller Designation	MTV-9-B/188-50()
Propeller Hub	MTV-9-B
Blade	Milled single-piece aluminum hub
Blade Design	188-50()
Installed Propeller & Spinner Weight	Scimitar, light-weight natural composite
Maximum Diameter	27,8 kg (61.3 lbs)
Minimum Diameter	188 cm (74.0 inch).
TBO	183 cm (72.0 inch)
	According to SB 1 () latest issue

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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