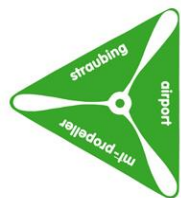


mt-propeller



Type of Aircraft: Cirrus SR22
FAA STC: SA122731B
EASA STC: 10088138
TCCA STC: SA26-25
Further countries: Brazil, Argentina, Mexico, Colombia, New Zealand
Aircraft TCDS: EASA.IM.A.007
Propeller EASA TCDS: P.096
Propeller FAA TCDS: P24NE



Applicable Aircraft:
Cirrus Design Corporation
Model: **SR22**

Engine
Continental Engines IO-550-N

STC Kit Contents

One 3-Blade Full Feathering Constant Speed Propeller	MTV-9-D/198-52()
One Full Composite Spinner (AFRP)	P-187
One Airplane Flight Manual Supplement	Doc. No. E-4551
One Installation Instruction	Doc. No. E-4552
One Instruction for Continued Airworthiness	Doc. No. E-4553
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-9-D/198-52()
Propeller Hub	MTV-9-D
Blade	Milled single-piece aluminum hub
Blade Design	198-52()
Weight Installed Propeller + Spinner + Delce	Scimitar, light-weight natural composite
Weight Installed Propeller + Spinner w/o Delce	27,1 kg (59.7 lbs)
Maximum Diameter / Minimum Diameter	26,4 kg (58.2 lbs)
TBO	198 cm (78.0 inch) / 193 cm (76.0 inch)
	According to SB 1 () latest issue

Replaces

The modification removes the existing constant speed propeller 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. -7 % (MTOW, SL, ISA)
- Enhanced climb by approx. 3% (MTOW, ISA)
- Cruise performance increased by approx. 3 to 4 kts (Mid GW, ISA)
- Approx. 20 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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