



mt-propeller



Type of Aircraft: Cirrus SR22T
FAA STC: SA12274IB
EASA STC: 10088139
TCCA STC: SA26-26
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: **SR22T**

Engine

Continental Engines TSIO-550-K

STC Kit Contents

One 3-Blade	MTV-9-D/198-58()
Full Feathering Constant Speed Propeller	
One Full Composite Spinner (AFRP)	P-187-()
One Airplane Flight Manual Supplement	Doc. No. E-4476
One Installation Instruction	Doc. No. E-4477
One Instruction for Continued Airworthiness	Doc. No. E-4478
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-9-D/198-58()
Propeller Hub	MTV-9-D
	Milled single-piece aluminum hub
Blade	198-58()
Blade Design	Scimitar, light-weight natural composite
Weight Installed Propeller & Spinner	
MTV-9-D/198-58() : without De-Ice / with De-Ice	27,7 kg (61.1 lbs) / 28,4 kg (62.6 lbs)
Maximum Diameter	198 cm (78.0 inch).
Minimum Diameter	193 cm (76.0 inch)
TBO	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. -3 % (MTOW, SL, ISA)
- Enhanced climb by approx. 7 % (MTOW, ISA)
- Cruise performance increased by approx. 2 to 3 kts (Mid GW, ISA)
- Approx. 15 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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