



# mt-propeller



**Type of Aircraft:** Cirrus SR22T  
**FAA STC:** i.p.  
**EASA STC:** 10088139  
**Aircraft TCDS:** EASA.IM.A.007  
**EASA TCDS:** EASA.P.096  
**Propeller TCDS:** P24NE

#### Applicable Aircraft:

Cirrus Design Corporation  
Type: Cirrus SR-20, SR-22  
Model: **SR22T**

#### Engine

Continental Engines TSIO-550-K

#### STC Kit Contents

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

#### 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	27,7 kg (61.1 lbs)
without De-Ice	
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, 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. -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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