



# mt-propeller



**Type of Aircraft:** Cirrus  
**EASA/LBA STC #:** 10038566 REV 5  
**FAA STC #:** SA02924CH  
**EASA Aircraft TCDS #:** EASA.IM.A.007  
**FAA Aircraft TCDS:** A00009CH  
**Propeller TCDS #:** EASA: P.017  
FAA: P23BO

**Applicable Aircraft:**

Cirrus  
SR22, SR22T

**Engines:**

TCM IO-550(-)  
Including Turbo &  
Supercharged Engines

**Design Change:**

Installation of 4-blade MTV-14-D/195-30( ) on SR22 / SR22T  
Installation of 4-blade MTV-14-D/195-30( ) on SR22 with RPM Reduction to 2500 RPM (*presently only for non-G1000 equipped aircrafts*).

**STC Kit Contents**

(1) 4-Blade Hydraulically Actuated Constant Speed Propeller	MTV-14-D/195-30b
Full Composite Spinner (AFRP)	P-320-2
(1) Airplane Flight Manual Supplement	Doc. No. E-2128 (SR22) + E-4034 (SR22; 2500 RPM)
	Doc. No. E-2124 (SR22T)
(1) Instructions for Cont. Airworthiness	Doc. No. E-2125
(1) Installation Instruction	Doc. No. E-2126 + E-4035 (SR22; 2500 RPM)
(1) Operation and Installation Manual	ATA 61-01-24 (E-124)

**Propeller Specifications**

Full Propeller Designation	MTV-14-D/195-30b
Propeller Hub	MTV-14-D
	Milled single-piece aluminum hub
Blade	195-30b
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Spinner Weight	59,3 lbs (26,9 kg) without De-Ice
	62,1 lbs (28,2 kg) with De-Ice
Maximum Diameter	76.8 in (195 cm)
Minimum Diameter	74.8 in (190 cm)
TBO	According to SB 1 ( ) latest issue

**Options:** Fluid De-Ice Boots

**Replaces:** All existing aluminum and composite propellers

**Advantages**

- Turbine smooth, vibration free propeller operations
- Replaceable stainless steel leading edge for best erosion protection of the blades
- Improved engine cooling
- Enhanced climb performance and shorter take-off distance: (2700 RPM-Version only)
- Increased static thrust (2700 RPM-Version only)
- Enhanced cruise performance
- Unlimited blade life, Lower cost overhaul and No AD's
- SR22T and SR22 (2500 RPM version) comply with the strict German Noise Regulation "Landeplatz Lärmschutz Verordnung" for unrestricted airport operations in Germany and other European Countries.

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