

Type of Aircraft: Cirrus

EASA/LBA STC #: 10038566 REV 6 FAA STC #: **SA12027IB EASA Aircraft TCDS #: EASA.IM.A.007 FAA Aircraft TCDS:** A00009CH **Propeller TCDS #:** EASA: P.017 FAA: **P23BO**

ANAC Brazil: 2025S08-05

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 MTV-14-D/195-30b Speed Propeller

P-320-2 Full Composite Spinner (AFRP)

(2) Airplane Flight Manual Supplement Doc. No. E-2128 (SR22) + E-4034 (SR22; 2500 RPM)

Doc. No. E-2124 (SR22T)

(3) Instructions for Cont. Airworthiness Doc. No. E-2125

(4) Installation Instruction Doc. No. E-2126 + E-4035 (SR22; 2500 RPM)

(5) 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 Nickel leading edge for best erosion protection of the blades
- Improved engine cooling
- Enhanced climb performance and shorter take-off distance: (2700 RPM-Version only) (2700 RPM-Version only)
- Increased static thrust
- 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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