



mt-propeller



Type of Aircraft: Cirrus SR22
EASA/LBA STC #: 10038566 REV 6
FAA STC #: SA12027IB
TCCA STC SA26-7
ANAC Brazil: 20255S08-05
EASA Aircraft TCDS #: EASA.IM.A.007
FAA Aircraft TCDS: A00009CH
Propeller TCDS #: EASA: P.017
FAA: P23BO

Applicable Aircraft:

Cirrus SR22

Engines:

TCM IO-550-() also Including Tornado Alley

Design Change:

Installation of 4-blade MTV-14-D/195-30()

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

STC Kit Contents

- (1) 4-Blade Hydraulically Actuated Constant Speed Propeller
Full Composite Spinner (AFRP)
- (2) Airplane Flight Manual Supplement
- (3) Instructions for Cont. Airworthiness
- (4) Installation Instruction
- (5) Operation and Installation Manual

MTV-14-D/195-30b

P-320-2

Doc. No. E-2128 (SR22) + E-4034 (SR22; 2500 RPM)

Doc. No. E-2125

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

ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

MTV-14-D/195-30b

MTV-14-D

Milled single-piece aluminum hub

195-30b

Scimitar, light-weight natural composite

59,3 lbs (26,9 kg)

without De-Ice

62,1 lbs (28,2 kg)

with De-Ice

Blade

Blade Design

Installed Propeller & Spinner Weight

76.8 in (195 cm)

Maximum Diameter

74.8 in (190 cm)

Minimum Diameter

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)
- Increased static thrust (2700 RPM-Version only)
- Unlimited blade life, Lower cost overhaul and No AD's
- SR22 (2500 RPM version) comply with the strict German Noise Regulation "Landeplatz Lärmschutz Verordnung" for unrestricted airport operations in Germany and other European Countries.



MT-Propeller Entwicklung GmbH
Flugplatzstr. 1
94348 Atting / Germany

Phone: +49 (0) 9429 9409 0
Fax: +49 (0) 9429 8432
sales@mt-propeller.com

MT-Propeller USA, Inc.
1180 Airport Terminal Drive
DeLand, Florida 32724

Phone: (386) 736-7762
Fax: (386) 736-7696
info@mt-propellerusa.com