



mt-propeller



Type of Aircraft:
FAA STC #

EASA STC #:
Aircraft TCDS #:
Propeller TCDS #:

Cirrus SR20
SA03303CH
(Flight Resource)
10055250
EASA.IM.A.007
P25NE / P.013

Applicable Aircraft:
Cirrus Design Corporation
Type: Cirrus SR-20, SR-22
Model: SR20

Engines:
TCM IO-360-ES

STC Kit Contents

One 3-Blade Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Master Document List
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual

MTV-12-D/188-59b
P-205-B
Doc. No. E-2607
Doc. No. E-2603
Doc. No. E-2604
Doc. No. E-2604
ATA 61-24-10 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

Blade :
Blade Design :
Installed Propeller & Spinner Weight
Maximum Diameter
Minimum Diameter
TBO
General MT-Propeller Operation and Installation Manual

MTV-12-D/188-59b
MTV-12-D
Milled single-piece aluminum hub
188-59b
Scimitar, light-weight natural composite
47,0 lbs (21,3 kg)
74 in (188 cm)
72 in (183 cm)
According to SB 1 () latest issue
ATA 61-01-24 (E-124)

Replaces

Original Propeller and the appropriate Spinner.

Advantages (Performance data are based on MTOW, ISA)

- Best vibration damping characteristics for almost vibration free (1/2 P) prop operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Take-off distance over 50 ft obstacle reduced by 300 ft.
- Climb performance improved by 5%
- Cruise performance is improved by up to 3 kts depending on altitude and power
- Approx.33 lbs less weight than the original metal propellers
- Unlimited blade life
- FOD repairable blades



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