



mt-propeller



Type of Aircraft: Cessna T303
FAA STC #: SA04039NY
EASA STC #: 10060646
Aircraft TCDS #: US A34CE
Prop EASA TCDS #: P.017
Prop FAA TCDS #: P3BO

Applicable Aircraft:
T303 „Crusader“
Engines:
TCM (L)TSIO-520-AE



STC Kit Contents

Two 4-Blade Full Feathering
Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction For Continued Airworthiness
One Operation and Installation Manual

MTV-14-D-C-F/CF(L)185-59b

P-1501
Doc. No.: E-2795
Doc. No.: E-2796
Doc. No.: E-2797
ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation
Propeller Hub

MTV-14-D-C-F/CF(L)185-59b
MTV-14-D-C-F
Milled single-piece aluminum hub
CF(L)185.59b
Scimitar, light-weight natural composite
65,2 kg (143.7 lbs)
185 cm (72.8 inch)
180 cm (70.8 inch)
According to SB 1 () latest issue

Blade
Blade Design
Installed Propeller & Spinner Weight / De-Ice
Maximum Diameter
Minimum Diameter
TBO

Replaces

Existing McCauley full feathering constant speed propellers with appropriate Spinners and Governors.
Optionally MTP - Governors can be used.

Advantages

- Best vibration damping characteristics for almost vibration free propeller operations!
- Bonded on stainless steel leading edge for best erosion protection of the blades!
- Equal or better performance!
- Approximately 18 lbs less weight than the original propeller!
- Unlimited blade life!
- Significant inside and outside noise reductions!
- Increased ground clearance for less blade tip erosion!
- FOD repairable blades!
- 10% shorter take-off distance over 50 ft obstacle (MTOW, SL, ISA conditions)!
- 2-3 kts faster depending on altitude or power setting!
- The STC complies with the strict German noise regulations 2010– „Landeplatz Lärmschutz Verordnung“ for unrestricted airport operations in Germany and other European Countries!

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