



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

### **Options**

HiGlo® Full Composite Spinner (AFRP) with chrome finish

### **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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