



mt-propeller



**Type of Aircraft:** Cessna A185E, F  
**FAA STC #:** SA01296WI  
**EASA/LBA STC #:** 2004-8157  
(Former SA1391)  
**TCCA Acceptance** 5010-O-19-0005  
**Aircraft TCDS #:** 3A24  
**Propeller TCDS #:** P24NE

Applicable Aircraft  
Cessna A185E, A185F  
Land and Seaplane

Engine  
Teledyne Continental Motor IO-520-D

**Note:** The max. take-off power in the EASA/LBA  
STC as well as in TCCA Acceptance  
is limited to 2500 rpm

### STC Kit Contents

One 3-Blade Constant Speed Propeller  
One Full Composite Spinner (AFRP)  
One Airplane Flight Manual Supplement  
One Installation Instruction  
One Operation and Installation Manual

MTV-9-D/210-58  
P-435-1  
Doc. No. E-1096  
Doc. No. E-1097  
ATA 61-01-24 (E-124)

### Propeller Specifications

Full Propeller Designation  
Propeller Hub

Blade  
Blade Design

Installed Propeller & Spinner Weight  
Maximum Diameter  
Minimum Diameter  
TBO

MTV-9-D/210-58  
MTV-9-D  
Milled single-piece aluminum hub  
210-58  
Scimitar, light-weight natural  
composite  
57 lbs  
82.7 in.  
80.7 in.  
According to SB 1 ( ) latest issue

### Replaces

All existing McCauley and Hartzell propellers

### Advantages

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Shorter take-off distance by approx. -10 % (SL, ISA conditions)
- Enhanced climb by approx. 5% (SL, ISA conditions)
- Cruise performance increased by 3 to 5 kts (MTOW, ISA conditions)
- Approx. 5 lbs to 20 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions



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