



mt-propeller



**Type of Aircraft:** Cessna 340, 340A  
**FAA STC:** SA02510NY  
**EASA STC:** EASA A.S.03290  
**Aircraft TCDS:** 3A25  
**Propeller TCDS:** P3BO

Applicable Aircraft  
Cessna 340, 340A with RAM VII modification  
(FAA STC SA09574SC)

Engines  
Teledyne Continental  
TSIO-520-NB plus engines modified by RAM  
(FAA STC SE09104SC or STC SE09261SC)



### **STC Kit Contents**

Two 4-Blade Full Feathering Constant  
Speed Propellers  
Two 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/CF188-30g

P-587-1  
Doc. No. E-1529 (EASA + FAA)  
Doc. No. E-1530 (EASA + FAA)  
Doc. No. E-1531 (EASA + FAA)  
ATA 61-01-24 (E-124)

### **Propeller Specifications**

Full Propeller Designation  
Propeller Hub

MTV-14-D-C-F/CF188-30g  
MTV-14-D-C-F  
Milled single-piece aluminum hub  
CF188-30g  
Scimitar, light-weight natural composite  
72.8 lbs each  
74 in.  
72 in.  
According to SB 1 ( ) latest issue

Blade  
Blade Design  
Installed Propeller & Spinner Weight  
Maximum Diameter  
Minimum Diameter  
TBO

### **Replaces**

3-Blade McCauley and 3-Blade 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
- Enhanced take-off distance by approx. -3% (MTOW, SL, ISA)
- Enhanced climb by approx. 5% (MTOW, ISA)
- Cruise performance increased by approx. 3 to 4 kts (MTOW, ISA)
- Approx. 20 lbs less weight than the original propellers
- Unlimited blade life
- FOD repairable blades
- Significant inside and outside noise reductions

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