



mt-propeller



**Type of Aircraft:** Cessna 208  
**FAA STC #:** SA01439WI  
**EASA STC #:** A.S.01128  
**Aircraft TCDS #:** A37CE  
**Propeller TCDS #:** P27BO

Applicable Aircraft  
Cessna 208, 208A, 208B  
Engines  
Pratt & Whitney  
PT6A-114 and -114A



### **STC Kit Contents**

One 4-Blade Reversing And Full Feathering Constant Speed Propeller	MTV-16-1-E-C-F-R(P)/CFR250-55
One Full Composite Spinner (AFRP)	P-951
One Airplane Flight Manual Supplement	Doc. No. E-1215 (FAA), E-1168 (EASA)
One Installation Instruction	Doc. No. E-1500 (FAA), E-1169 (EASA)
One Instruction For Continued Airworthiness	Doc. No. E-1216 (FAA), E-1169 (EASA)
One Operation and Installation Manual	ATA 61-06-10 (E-610)

### **Propeller Specifications**

Full Propeller Designation	MTV-16-1-E-C-F-R(P)/CFR250-55
Propeller Hub	MTV-16-1-E-C-F-R(P)
	Milled single-piece aluminum hub
Blade	CFR250-55
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Spinner Weight	116.6 lbs
Maximum Diameter	98.4 in.
Minimum Diameter	98.4 in.
TBO	1500 hrs / 72 month (whichever occurs first)

### **Options**

HiGlo® Full Composite Spinner (AFRP) with chrome finish

### **Replaces**

3-Blade McCauley 3GFR34C703/106GA-0  
3-Blade Hartzell HC-B3MN-3/M10083

### **Advantages**

- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades
- Take-off distance remains unchanged.
- Enhanced Climb by approx. 5% (SL, ISA conditions)
- Cruise performance remains unchanged.
- Approx. 13 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

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