



# mt-propeller



**Type of Aircraft:** Maule  
**EASA STC #:** 10042832  
**FAA STC #:** SA03774NY  
**Aircraft TCDS #:**  
**FAA** A3SO  
**EASA** EASA.IM.A.018  
**Propeller TCDS #:**  
**FAA** P24NE  
**EASA** 32.130/65

**Applicable Aircraft** M6-235,  
M-7-235,  
M-7-235B,  
MX-7-235,  
MT-7-235.

**Engine** Lycoming (I)O-540(-)

### STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-9-B/198-52
One Full Composite Spinner (AFRP)	P-666-1
One Airplane Flight Manual Supplement	Doc. No. E-2192
One Installation Instruction	Doc. No. E-2193
One Instruction for Continued Airworthiness	Doc. No. E-2194
One Operation and Installation Manual	ATA 61-01-24 (E-124)

### Propeller Specifications

Full Propeller Designation	MTV-9-B/198-52
Propeller Hub	MTV-9-B
	Milled single-piece aluminum hub
Blade	198-52
Blade Design	Light-weight natural composite
Installed Propeller & Spinner Weight	57.1 lbs (25.9 kg)
Maximum Diameter	78 in (198 cm)
Minimum Diameter	76 in (193 cm)
TBO	According to SB 1 ( ) latest issue

### Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

### Replaces

2-Blade McCauley / 3-Blade McCauley Propeller  
2-Blade Hartzell / 3-Blade Hartzell Propeller

### 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. 5 % (MTOW, SL, ISA conditions)
- Enhanced climb performance by approx. 5 % (MTOW, SL, ISA conditions)
- Approx. 2 lbs less weight than the original 2-blade propellers and approx. 25 lbs than the 3-blade propellers.
- Enhanced cruise performance by 2 to 3 kts (MTOW, ISA conditions)
- Unlimited blade life; FOD repairable blades
- Significant inside and outside noise reductions
- In combination with the Gomolzig exhaust muffler MXT 606500 "erhöhter Schallschutz" according to the strict German Noise Regulation LVL is reached with design series equipped with engines turning maximum 2400 rpm.



MT-Propeller Entwicklung GmbH  
Flugplatzstr. 1  
94348 Atting / Germany

Phone: +49 (0) 9429 9409 0  
Fax: +49 (0) 9429 8432  
sales@mt-propeller.com

MT-Propeller USA, Inc.  
1180 Airport Terminal Drive  
DeLand, Florida 32724

Phone: (386) 736-7762  
Fax: (386) 736-7696  
info@mt-propellerusa.com