



**Type of Aircraft:** Piper PA-28  
**FAA STC #:** --  
**EASA STC #:** 10062339  
**Aircraft TCDS #:** US 2A13  
**Propeller TCDS #:** 32.130/65

Applicable Aircraft  
 PA-28-236 (DAKOTA)

Engine  
 Lycoming IO-540-J3A5D



### STC Kit Contents

One 3-Blade Constant Speed Propeller	MTV-9-B/198-52
One Full Composite Spinner (AFRP)	P-1297-3
One Airplane Flight Manual Supplement	Doc. No. E-2885
One Installation Instruction	Doc. No. E-2886
One Instruction for Continued Airworthiness	Doc. No. E-2287
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
Blade	Milled single-piece aluminum hub
Blade Design	198-52
Installed Propeller & Spinner Weight	Light-weight natural composite
Propeller Diameter	27,3 kg (60,2 lbs)
	198 cm (77.9 inch)
	Cut-off to 195 cm (76.7 inch) allowed for repair!
	No cut-off allowed if Nickel alloy erosion sheath is installed!
	According to SB 1 ( ) latest issue

TBO

### Options

HiGlo® Full Composite Spinner (AFRP) with chrome finish

### Replaces

Removes original Hartzell Propeller HC-F2YR-1( )F/F8468A-4R

### 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 climb performance by approx. 5 % (MTOW, SL, ISA conditions)!
- Enhanced cruise performance by 2 to 3 kts (MTOW, ISA conditions)!
- Unlimited blade life!
- FOD repairable blades!
- Significant inside and outside noise reductions!
- Fulfills the highest noise requirements for unlimited flying!

# mt-propeller



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](mailto:info@mt-propellerusa.com)  
 June 29, 2017

[www.mt-propeller.com](http://www.mt-propeller.com)

Certified FAA Repair Station No. Q4MR908Y