

# Flight-Resource

A Division of **McFarlane**

**World's Largest MT-Propeller Distributor**



Viper Unlimited Aerobatic Pilot/Owner - Jason Newberg

## **Pitts S-2B**

**Engines: Lycoming AEIO-540-D4A5**

### **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. -5% (SL, ISA conditions)
- Enhanced Climb by approx. 5% (SL, ISA conditions)
- Cruise performance increased by approx. 3 to 5 MPH (MTOW, ISA conditions)
- Approx. 5 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions
- Crankshaft bending is reduced to approx. 1/3
- No crankshaft failures ever reported with MT-Propellers

### **STC Kit Contents: FAA STC: SA00458DE**

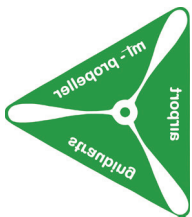
- |   |                      |
|---|----------------------|
| • One 3-Blade Constant Speed Propeller  | MTV-9-B-C/C203-46    |
| • One Full Composite Spinner (AFRP)     | P-208-C              |
| • One Airplane Flight Manual Supplement | Doc. No. E-662-E     |
| • One Installation Instruction          | Doc. No. E-661-E     |
| • One Operation and Installation Manual | ATA 61-01-24 (E-124) |

### **Propeller Specifications:**

- |  |                                  |
|--|----------------------------------|
| • Full Propeller Designation           | MTV-9-B-C/C203-46                |
| • Propeller Hub                        | MTV-9-B-C                        |
|  | Milled single-piece aluminum hub |
| • Blade                                | C203-46                          |
| • Blade Design                         | Light-weight natural composite   |
| • Installed Propeller & Spinner Weight | 64 lbs                           |
| • Maximum Diameter                     | 80 in.                           |
| • Minimum Diameter                     | 78 in.                           |
| • TBO (whichever occurs first)         | 1800 hrs / 72 month              |

**Replaces:** Hartzell propellers according aircraft TCDS

**mt-propeller**



**To learn more about this prop**  
**866-717-1117**  
**www.Flight-Resource.com**

**For other products**  
**800-544-8594**  
**www.McFarlaneAviation.com**