

# Flight-Resource

A Division of  McFarlane

World's Largest MT-Propeller Distributor



## Mooney M20M

**Engines: Textron-Lycoming according to aircraft TCDS 2A3. TIO-540-A1FA, -A1FB**

### 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. -8 % (SL, ISA conditions)
- Enhanced climb by approx. 2 % (SL, ISA conditions)
- Enhanced cruise performance by approx. 2 kts (MTOW, ISA conditions)
- Approx. 10 lbs less weight than the original propeller
- Unlimited blade life
- FOD repairable blades
- Significant inside and outside noise reductions

### STC Kit Contents: FAA STC #: SA09689AC

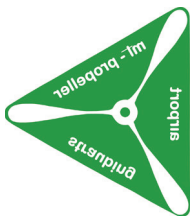
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|---|----------------------|
| • One 4-Blade Constant Speed Propeller  | MTV-14-B/185-59b     |
| • One Full Composite Spinner            | P-840-1              |
| • One Airplane Flight Manual Supplement | Doc. No. E-1250      |
| • One Installation Instruction          | Doc. No. E-1251      |
| • One Operation and Installation Manual | ATA 61-01-24 (E-124) |

### Propeller Specifications:

- |  |  |
|--|--|
| • Full Propeller Designation           | MTV-14-B/185-59b                         |
| • Propeller Hub                        | MTV-14-B                                 |
|  | Milled single-piece aluminum hub         |
| • Blade                                | 185-59b                                  |
| • Blade Design                         | Scimitar, light-weight natural composite |
| • Installed Propeller & Spinner Weight | 63 lbs                                   |
| • Maximum Diameter                     | 72.8 in.                                 |
| • Minimum Diameter                     | 72.8 in.                                 |
| • TBO                                  | According to SB 1 ( ) latest issue       |

**Replaces:** All propellers according aircraft TCDS No. 2A3

mt-propeller



To learn more about this prop  
**866-717-1117**  
[www.Flight-Resource.com](http://www.Flight-Resource.com)

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