



# AMK Global Aeronautics Sales & Leasing Inc.

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**STC – DATA** v3.1  
**Type of Aircraft:** Cessna CA185E, -F  
**FAA STC #:** SA01296WI  
**EASA/LBA STC #:** SA1391  
**Aircraft TCDS #:** 3A24  
**Propeller TCDS #:** P24NE  
**Applicable Aircraft:** Cessna A185E, A185F  
**Land and Seaplane**  
**Engine:** Teledyne Continental Motor IO-520-D



Cessna 185 with 3-blade MTV-9

## STC Kit Contents

|                                       |                      |
|---------------------------------------|----------------------|
| One 3-Blade Constant Speed Propeller  | MTV-9-D/210-58       |
| One Full Composite Spinner (AFRP)     | P-435-1              |
| One Airplane Flight Manual Supplement | Doc. No. E-1096      |
| One Installation Instruction          | Doc. No. E-1097      |
| One Operation and Installation Manual | ATA 61-01-24 (E-124) |

## Propeller Specifications

|  |  |
|--|--|
| Full Propeller Designation                       | MTV-9-D/210-58                           |
| Propeller Hub - Milled single-piece aluminum hub | MTV-9-D                                  |
| Blade  | 210-58                                   |
| Blade Design                                     | Scimitar, light-weight natural composite |
| Installed Propeller & Spinner Weight             | 57 lbs                                   |
| Maximum / Minimum Diameter                       | 82.7 in. / 80.7 in.                      |
| TBO  | According to SB 1 ( ) latest issue       |

**Options** HiGlo® Full Composite Spinner (AFRP) with chrome finish

**Replaces** All existing McCauley and Hartzell propellers

## 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. -10 % (SL, ISA conditions)
- Enhanced climb by approx. 5% (SL, ISA conditions)
- Cruise performance increased by 3 to 5 kts (MTOW, ISA conditions)
- Approx. 5 lbs to 20 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions