

# Flight-Resource, LLC

World's Largest Volume MT Propeller Distributor

www.Flight-Resource.com

1-866-717-1117

Type of Aircraft: **Cessna 185**

Applicable Aircraft:

Cessna Models: C185 (A – F)

Engines:

Continental [I]O-520-[ ] or [I]O-550-[ ]

**\*\* STC recently amended to include planes with modified or larger engines such as the -520 or -550 series.**

FAA STC #: SA02294CH

### 3-Blade STC Kit Contents

One 3-Blade Constant Speed Propeller  
One Full Composite Spinner  
One Airplane Flight Manual Supplement  
One Installation Instruction  
One Instruction for Continued Airworthiness  
One Operation and Installation Manual

MTV-9-D/[205-210]-58  
P-435-1  
Doc. No. ES1027-185  
Doc. No. ES1027-5  
Doc. No. ES1027-9  
ATA 61-01-24 (E-124)

### Propeller Specifications

Full Propeller Designation  
Propeller Hub

MTV-9-B/[205 or 210]-58  
ARP-502 'D' Flange  
Hub milled from single-piece aluminum billet -58 Series. Scimitar design.  
Light-weight Composite construction  
w/ Integrated Stainless Steel Leading Edge

Blades

Installed Propeller & Spinner Weight  
Maximum Diameter  
Minimum Diameter  
TBO (whichever occurs first)

56 lbs  
82.7 in. (210cm)  
79.9 in. (203cm)  
2400 hrs / 72 month

### Options

HiGlo® Full Composite Spinner with chrome finish shown in photo above (\$470).

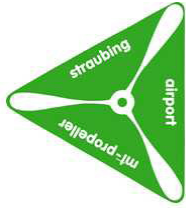
### Replaces

All existing propellers

A perfect prop for those wanting to best utilize powerplant or horsepower upgrades!

### Advantages (IO-520F @ 2700rpm vs. McCauley C401 80" 3-blade aluminum propeller)

- Approx. 27 lbs less weight than the C401 propeller.
- Increased static thrust by 110 lbs.
- Shorter take-off distance by approx. 128'.
- Improved rate of climb performance by approx. 105 fpm.
- Increased cruise performance by approx. 3 Kts.
- No restricted propeller rpm ranges
- Best vibration damping characteristics for almost vibration free propeller operations
- Bonded on stainless steel leading edge for best erosion protection of the blades.
- Unlimited blade and hub life.
- Reduced risk of engine damage resulting from prop strikes.
- No expensive or bothersome AD's



mt-propeller

