

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)

Engine:

Continental IO-520-D

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

FAA STC #: SA02294CH

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

Blades

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

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.

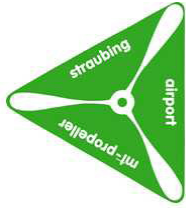
Replaces

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

