

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-470-[] and

Continental IO-520-[]

FAA STC #: SA02294CH



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

STC Kit Contents

One 2 or 3-Blade Constant Speed Propeller
One Full Composite Spinner (AFRP)
One Airplane Flight Manual Supplement
One Installation Instruction
One Instruction for Continued Airworthiness
One Operation and Installation Manual

MTV-(15 or 9)-D/210-58
P-271-1-C (2-blade) P-435-1-C (3-blade)
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-(15 or 9)-B/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)

45.6 lbs (54 lbs for 3-blade)
82.7 in. (210cm)
79.9 in. (203cm)
2400 hr (3-blade) or 1800 hrs / 72 month

Options

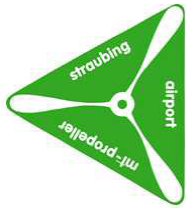
HiGlo® Full Composite Spinner with chrome finish

Replaces

All existing propellers

Advantages (IO-520-D MT 2-Blade vs. McCauley C401 86" 3-blade aluminum propeller)

- Approx. 34 lbs less weight than the C401 propeller.
- Increased static thrust by 15 lbs.
- Shorter take-off distance by approx. 77'.
- Improved rate of climb performance by approx. 77 fpm.
- Increased cruise performance by approx. 7 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

