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

Propeller Specifications
Full Propeller Designation: MTV-9-D/[205-210]-58
Hub: ARP-502 'D' Flange
Blades: -58 Series. Scimitar design. Light-weight Composite construction w/ Integrated Stainless Steel Leading Edge
Installed Propeller & Spinner Weight: 56 lbs
Maximum Diameter: 82.7 in. (210cm)
Minimum Diameter: 79.9 in. (203cm)
TBO (whichever occurs first): 2400 hrs / 72 month

Options
HiGlo® Full Composite Spinner with chrome finish shown in photo above.

Replaces
All existing propellers

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

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