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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 #: P23BO
Applicable Aircraft: Cessna A185E, A185F
Land and Seaplane
Engine: Teledyne Continental Motor IO-520-D



Cessna 185 with 2-blade MTV-15

STC Kit Contents

One 2-Blade Constant Speed Propeller	MTV-15-D/210-58
One Full Composite Spinner (AFRP)	P-271-1-A
One Airplane Flight Manual Supplement	Doc. No. E-1096
One Installation Instruction	Doc. No. E-1098
One Operation and Installation Manual	ATA 61-01-24 (E-124)

Propeller Specifications

Full Propeller Designation	MTV-15-D/210-58
Propeller Hub - Milled single-piece aluminum hub	MTV-15-D
Blade	210-58
Blade Design	Scimitar, light-weight natural composite
Installed Propeller & Spinner Weight	45 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. 10 lbs to 30 lbs less weight than the original propeller
- Unlimited blade life
- Significant inside and outside noise reductions